

SEQUENCE LISTING

<110> Abuin, Alejandro
Zambrowicz, Brian
Sands, Arthur T.

<120> Novel Murine Polynucleotide Sequences
and Mutant Cells and Mutant Animals Defined Thereby

<130> LEX-0246-USA

<150> US 60/237,272

<151> 2000-10-02

<160> 1000

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 394

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(394)

<223> n = A,T,C or G

<400> 1

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aatctgcaag	atgactcaaa	ccagagcagc	gtgcctggaa	gaagcanaaa	ccagacgagc	180
tggaagagat	aggatcaacc	cgaggcgcct	gggaagaagt	gcccgcacctg	cttcgttgcc	240
tgaggctgt	gcagtgtgct	cctgagaact	gtcacccatg	ctggggcgagg	ccttcattgat	300
gcagctgtct	tttaaacatc	tctgtaagt	ctacccctca	cccacattcc	tgtaagtgc	360
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<210> 2

<211> 495

<212> DNA

<213> Mus musculus

<220>

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<222> (1)...(495)

<223> n = A,T,C or G

<400> 2

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cttccccttc	tttttccccg	gtcacacccc	cgggcccctg	ggcctagant	ctagcctgtg	180
agccccact	tccantcctt	agctntttct	gcagcttcca	gcggtgcctg	ggtgtccgag	240
agcctgagan	ccagacggtc	ccagccctgt	gacaaacaga	tgcgggaccc	caccaaccct	300
acagctcagt	ggtaggagg	tctttactgc	tctaccagga	ggttgagttc	ggttcccaac	360
actcatgtca	cataactcac	aagcacgtgt	aactctaagg	aaccattcct	tcccacttct	420
gacctctgaa	gggcagacac	actaataaac	atacacacat	tcaataaata	aataaatctt	480
ttaaaaggaa	aaaaa					495

<210> 3

<211> 289

<212> DNA

.<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(289)

<223> n = A,T,C or G

<400> 3

tcccagaaac	cacatggngg	ncntcacaac	ccgncnaanc	aagcgctgac	nccctnttnt	60
ggtgtgtctg	aaganagcgt	acagtttacc	ttatttataa	taataaaaaa	tctttgggct	120
gnancaagcg	gancctgaca	tgagcgagct	ggggcctaaa	ttttaaaaaa	atttttttct	180
ttttttcant	acttaaaaaat	gccacctttg	tagctgtatt	ntggaaagtg	cccaactggc	240
atgacatttt	ctatatatgt	taataaagct	gagttttcta	accacctaa		289

<210> 4

<211> 244

<212> DNA

<213> Mus musculus

<400> 4

gactgagtgt	tttgccctgtg	tgtatatatg	tacacgtatg	tacaccatgt	catgagcctc	60
catggctcgt	agaggacttt	ggatcccttg	gaactggcgt	tacattgggc	gtgagcctcc	120
atgttggcgc	tgagaagcaa	acctgggttc	tctggaagcg	cagcaagtgc	tcttaaccat	180
cgagccatct	ctccatctca	aaccacccat	gtatataaaa	tgaaaataca	taaaccaaaa	240
aaaa						244

<210> 5

<211> 277

<212> DNA

<213> Mus musculus

<220>

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<222> (1)...(277)

<223> n = A,T,C or G

<400> 5

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ntgaggacct	gaattnantt	gccagcagct	cacaaccann	tggaactcca	netccggggg	180
atctgacacc	ctcttctgcc	cttctagaac	taccatattc	atgtgcacac	actcatatac	240
aatcactta	aaatacaaat	aaacattcta	ctaaagg			277

<210> 6

<211> 496

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(496)

<223> n = A,T,C or G

<400> 6

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aatacagacc	tgagagtcca	ccctcagact	gcctgagctg	cacagaagac	tgaggcagct	180
gagcagccag	gactcaagca	agctgagcct	tcaaagaaga	ttctcagagg	agaaaaccag	240
cgaagacaac	tcagaccaga	tcagcttctc	ggaagagggt	tagcctggaa	acctgaggca	300
cctggaaaag	acactcttca	acctgtggag	ctgcctgatg	actgtgcaat	gcgcttcagg	360
tttcccactg	tgtgagctgt	cacccatgct	ggagtgggct	ttcgtaatat	agctgtcttt	420
gagttatttc	tgttcttgta	actaaccctc	catccatact	tctgtaggta	atccaaatga	480
actcaattgt	tcacca					496

[illegible]

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ggcaaatacat	agtcagctgc	tgcnnatagca	gccccatagc	accacacctg	ggattaaaat					120
gaaaatgtat	aataattccag	aattttcact	atactttata	ttggaaaaaaa	ccttcctaaa					180
gttcaccqta	aaaggccttt	agtcttttta	aaaaatatat	ttattttttaa	gta					233

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<220>  
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<222> (1)...(219)  
<223> n = A,T,C or G
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<400>	8						
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gacgcctccn	tctgaaggaa	caggctgtgc	aatgcttcac	atggattctg	gaagagcatc		120
aagcactctt	aaccactgag	ccatctcttc	gacccctgaa	ttttcatgta	ctagctttct		180
ggcatttgtc	ttgttcatta	aaaaaaaaagg	tctattatt				219

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<210> 9
<211> 364
<212> DNA
<213> Mus musculus
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<210> 10
<211> 559
<212> DNA
<213> Mus musculus
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<220>
<221> misc_feature
<222> (1)...(559)
<223> n = A,T,C or G
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<400> 10						
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ggtggganag	gggaaaaaat	ntccccgtca	ctgcccgtac	ctaaatnncn	tcctctacga	120
nggaccgccc	tccatcagac	ganctgcaat	tccctggtcg	agtgcancnt	gtccnctct	180
acctccctct	gcctggcggc	ctccaannan	agcctcntgt	ttgtttgcnn	canngcgtct	240
gtcctctgta	ggcctggaca	ntcctggana	atcttgctatg	tagaccgggc	tgggantaag	300
ctcactttat	acaaganaac	attaacagga	ggctggaaag	atagctcagc	ggttcctagc	360

acccacatgg	ttggttcaca	acagcttgta	attccagctc	caggagactt	aataaccccc	420
cgctctgaac	tgtgaggggtg	cacgtggcag	attctcacag	atacacaaac	acacacaaat	480
ttcttcttaa	aaaggaaaca	ttaacagatt	ctagaggaac	tggatgaaaa	ggaataaaaa	540
aaggattttg	ttttgtttt					559

<210> 11
 <211> 441
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(441)
 <223> n = A,T,C or G

<400> 11						
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acctgccacc	atgacttctc	tgccgccgtg	aaggagtgtg	tccctaagac	tgtgagccaa	120
aggaacccctg	cgctcctggg	ttgcctctcg	tcagcctccc	ccagccttga	agcaggctga	180
tcagaatttg	accttgctgc	cactgagaat	gagaccacct	gggggtggagc	cttccaactt	240
agatggctct	attgttctgt	ctgctcttct	ccaaaattct	gctacctgct	gagaggccct	300
tgagatattc	cagagacagc	atccagcaga	tccacctaca	cgctggcaac	aggcatcaag	360
aatggattgg	cagggaatgg	gcctcccccc	tttataagca	cagactctta	gtaaacttgg	420
gggccttgaa	cagaaaaaaa	a				441

<210> 12
 <211> 244
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(244)
 <223> n = A,T,C or G

<400> 12						
gactgaggtg	ttcctggaga	ccttggcngt	cagagaggct	tctttgcaag	aggacctggg	60
tccctgggtc	tgtgtccctg	cgttccacat	actgggtcac	aactgtctgt	aactgcagtt	120
ccaggagctc	cagcgccctc	ttctggcctt	tgtggcactg	cattaacaca	gtgcatctat	180
gtccaggccg	aacatcatat	acataaaaaga	ataaaaataga	aaatgtttga	gttaaaaaaa	240
aaaa						244

<210> 13
 <211> 144
 <212> DNA
 <213> Mus musculus

<400> 13						
agactgagga	gattttctca	gcaacatcat	ttaaaaggaa	attaatggcg	aaaatggggc	60
attgggaaac	catgggggag	ggggggagact	gagagaatga	gaatgaataa	tggcaaaata	120
aataaataaa	taaataaata	aaaa				144

<210> 14
 <211> 395
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(395)
 <223> n = A,T,C or G

<400> 14

tg	cagaggtg	aagagacccc	gancccanaa	ctggtgctgc	ttatntaggc	ctangagagg	60
agt	gtcttca	cacctggatt	ggttatgcac	tacagcctca	tttgcattgat	cctcatcctg	120
att	ggctact	ctctctctgt	acctcacaga	gcctcattat	catacctnat	ttgcatgtct	180
cac	acctgat	tggttatagt	ctcaaagcct	cattatcatg	cccggggccag	gcagngtctt	240
tg	caaaaaac	tttactgcat	atgtacacat	tggttggttg	tccaaactta	tgcgtggngg	300
cc	agcagtag	tcagtgccac	tctgcaacgg	cacatgtggc	ttcccacatc	tccccctttt	360
tg	ttttaata	aaatgaggct	ggactaggcc	tgtgc			395

<210> 15
 <211> 324
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(324)
 <223> n = A,T,C or G

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acc	caccca	tcactcgga	ccctagcatt	tatagaccct	ctggaaagtc	ctcaaattcc	120
aa	atgtcaca	caattgcaga	aactatctgc	agttggcaaa	aaacgtgcct	ctgctagagc	180
ac	ctaagcaa	atcagagtca	gctgctgtgg	acagaatgaa	gcagcccat	atcccatagc	240
tgg	gattaaa	caaaaatata	ttcttataat	atttctgtgg	tttttaata	aaccaaaatt	300
tca	aaattgt	cactaaaaaa	aaaa				324

<210> 16
 <211> 310
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(310)
 <223> n = A,T,C or G

<400>	16						
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cct	ccacctg	cttctccatt	tgaagngang	acctnccatc	cggagctgga	naanngnctc	120
an	cngttaan	agcactnact	gctcttggag	aggaccacga	ccagctccca	naagccatat	180
cg	gnagcnc	caatcttcta	tgactctgnt	ngcggggaga	atctgacact	gtcttctgga	240
tag	gaagtct	ttttctctgt	ctagcctctt	caataaagac	atctgcgtgt	cctcacccca	300
aaaa	aaaaaaaa						310

<210> 17
 <211> 396
 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(396)
 <223> n = A,T,C or G

<400>	17						
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gc	atacngna	cccaccaaag	cagagcctgn	nctncagggt	nccancgcc	cncctcagtc	120
c	taccttgg	cataccctgc	cccacacagg	gaactttcca	gccaggtgc	ttgtccgcc	180
t	cccccaaga	gtctcctccc	aatataancc	agacatttag	tctctgccct	tctctctctt	240
c	ctctccttc	tcttctttct	cctncaatgc	tcccttttgc	tcccttacc	ccaccccat	300
gg	caatccca	tggcctcaat	cctgggggc	agtgaacctg	cccgcctgag	agtagcatcc	360
ca	ataaacct	gtcttcaggt	actccaaaa	aaaaaa			396

<210> 18
 <211> 202
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(202)
 <223> n = A,T,C or G

<400> 18
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 agaactggna actgaactgc agtcttccgg aaagcatcaa gagctgctcg cagtgccag 120
 tgtgcagcac cctccccac cccaataat taaatataaa aataaatctt aaaggcctga 180
 gccaccctgc ccagaaaaag aa 202

<210> 19
 <211> 346
 <212> DNA
 <213> Mus musculus

<400> 19
 gactgaggtg tccaaaagaa tgagacacaa agtagtctga gtggtttgca caagggtcaaa 60
 cagttgggtg acaccgctt ctggacctgc tcgcctaagt ggagctctgg agtttatatt 120
 cttaaaccctc acgtgctgca cacatgaatg aacctgacct gagagcctta ctagcctacg 180
 tggagggaga ctgtgtatcc actacagggc aggggatgta gctcaacttg cagagtgcct 240
 gcctagcatg cacaagccc gacgtgacat cttcagcatg gagcagactg gatggggcgc 300
 atgtctgtaa tcccagcact tgggaggtgg ggaggtgatt gggatca 346

<210> 20
 <211> 285
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(285)
 <223> n = A,T,C or G

<400> 20
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 ggagcnaaca ccnctttttg gaatcccttg atgatgaata aaaagagcca ggctatttct 120
 gggacattaa tggggtaggg aggatagtta agacttttag tggggaaatc aacatattta 180
 gggttaagtaa tatccattta caaatacaca aacatgaaga aacagatagg aatcaaaactc 240
 tctctctatc tatctatcta tctatctatc tatctatcta tctat 285

<210> 21
 <211> 484
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(484)
 <223> n = A,T,C or G

<400> 21
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 gagtcaactc tactttctac catgtgggtc tcagggatgg aacttgggtt ggtggcaagt 120
 gcttccattc actgagccat cttgccagcc catcatctat tacatttaaa ttttaattac 180
 aaaagactat acaggtaaag tgggtcccagn ataaaggaga cacttgaaca naaaaatcac 240
 tcataacana caccgcccac acactgatgg ttgttgtact gaattgtant atnctctttt 300
 tgtgacatct ctttgactta aanacctgtg anggggagng attncacnnc aaaatatnta 360

accctatngg	ncctnnagga	cccatggggg	tggtggngga	nanngcnnc	agntgcaang	420
ganantgnat	nngacaaagc	cncanntctn	ggtgcctaaa	acaagagcta	tttgttttct	480
tttt						484

<210> 22
 <211> 525
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(525)
 <223> n = A,T,C or G

<400> 22						
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caccatgcag	aaactcaggg	tancctcttca	ggaaaaagtc	tatatctgtc	ccagaagatc	120
tccacctcag	aggacagaca	ccatccagga	tcagtgatgt	ggccagcana	ctgctcctgt	180
ggtgggtctac	accacgccag	ctccaggtgg	tcctgaagaa	tccacaaacc	caatgtttagc	240
atttantcta	agctccgccc	cacagttacc	tggaacagc	caggtgtgcc	agactctcta	300
taaaaggggc	tgcttgcttc	ctctgtcttc	tcttgtctct	gccttcttac	ttncgtctctg	360
ctctgtcctc	tcattncttc	ccctcccnac	ctgcctgcat	gtgttnatgg	ctggcatcta	420
cttctctact	ctctccctct	tcctctcttt	ccccctctc	tttctctctg	actttctctg	480
cctctactta	ccctcttaac	tccctctccc	atgccctgaa	taaac		525

<210> 23
 <211> 304
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(304)
 <223> n = A,T,C or G

<400> 23						
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ctgtctacat	gaggtgacgc	gntcctcccc	atgnncagca	gtagagcgga	ctgaatgctg	120
ggtgacaggc	tgccctcaga	ctccgggtgct	caaggatatt	cttgcttcag	gttcccaaatt	180
agcactgcac	actgcacaca	gtgaatcccc	atgcctgatg	gtggatttct	gagttcgagg	240
ccagcctggt	ctacaaagng	agttccagga	cagccggggc	tacacagaga	aaccctatct	300
tgaa						304

<210> 24
 <211> 363
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(363)
 <223> n = A,T,C or G

<400> 24						
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cttgnactcn	cagagattca	tnctgttcag	ccgtctcctc	ccnccaggac	tggtatnana	120
ggcatatacc	accangcctg	atctgaagaa	aacctantta	ttaaatttat	aatagcatgt	180
tggtatcctc	atacattgaa	tactaatcan	actattcttt	gaatacaacy	tggnagagag	240
ttcacngtat	aaaatganga	gcattgtatct	tnnatattat	aaatcccatg	ctaattggnc	300
acaaagattt	gnaanangtc	aaacctactc	tggtgtanta	anaaggatct	atcctcccta	360
tct						363

<210> 25

<211> 275
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 25
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 tgcccaacag gtggtgccac catgtgaaaa ttagtcctgg tggtcctaga gagatgactt 120
 agagattaaa aagcatacac agntgttcca gancactgga gttcagtact cagcatccat 180
 attgagtggc tntaactcc cccgactnca ggggtatnca gtaccttacc agtgcccctc 240
 tgtacactac acacacacac acattcatac aaaca 275

<210> 26
 <211> 525
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(525)
 <223> n = A,T,C or G

<400> 26
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 gatnntggnt ngcccagcct ttggacccat ggctgcctct gacatcacca taggcctntg 180
 atgagtcagc ngacatgttc taccaacaga tacaattttt caaaagctgg agttttatcc 240
 tggggccccc tgactccctt ggtctcctta agttctcttc tccttcttct cctttttctt 300
 ctctttttcc tctttctcct cctcctcctc ctctcttgca gctttccagt ctgtcctgac 360
 atgtacacac ccattctgca gtccacctat agatgggtccc attagcatag agacaatatg 420
 agggagggat ttgttctgac ttcttttaaat catgtctacc tttttgtttt attctccatt 480
 ctctcttttt ctttttaaaa tcaattttta ttattttttat taatt 525

<210> 27
 <211> 181
 <212> DNA
 <213> Mus musculus

<400> 27
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 aggatggaga caacgtctgt aagaaaacta ctgcagatga aggggtggcc aatgggtggct 120
 tgctggacaa acctggcctg ctttctgttt ttgtcaataa agttttatta gaaaaaaaaa 180
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<210> 28
 <211> 232
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(232)
 <223> n = A,T,C or G

<400> 28
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 aatcttggct cnttggaaga gcagncagtg ttcttaactg ctgagccatc tctccagccc 120
 ctttatatca cttcctaaag atgatttgat tggctcttgg gtttacctg ggggtggagca 180
 tgggtggctga ttagtattaa taaatatatt ttcttcttcg taaaaaaaaa aa 232

[illegible][illegible]

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<220>
<221> misc_feature
<222> (1)...(118)
<223> n = A,T,C or G
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<400> 30
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catttcagcc tggccgtgag tagccggcgc gccttnccgc cacccecaaa aaaaaaaaaa    118
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<220> .
<221> misc_feature
<222> (1)...(493)
<223> n = A,T,C or G
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<400>	31								
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ggaacagctg	atttcttccc	aaggaaagcc	atcaactctc	tgtcgtcgtt	cccaagcttc				120
ccacgcacgc	agcccggtg	ctgtcggagg	ccatcttgct	ttgcatcagc	gtgggcctac				180
ggttaatcgt	ggtgacgaca	taccagattc	attctcccag	agagcttctt	ctccttctctg				240
agaagagcaa	ggtcctggag	agatggcctt	agcagttaaa	agcacatcct	gctcttgtaa				300
gttgatctga	gtttggttcc	cagccatcat	attaaaaagc	ncacagctga	ctgcaacttt				360
caatcctang	gaaaccaacg	tccttttttt	ggacttncaa	gggcacctgt	tactaatgtg				420
cattgtacc	gnaaacattg	cacacncata	catataacag	aaaaataaaa	tcctttttgt				480
tggtgttcaa	aat								493

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<220>
<221> misc_feature
<222> (1)...(430)
<223> n = A,T,C or G
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<400> 32
gaacttgagc acagtctntt tcagtgtgcc tgtcangcnt cctgngangc accaggantg 60

gtggggcaca	cttttacccc	ngcactctgg	agganaagac	tgagcgatct	aggtagtgcc	120
accgctgctg	attcctgttt	gttatcctga	ctctagcgga	actggactgc	tgtgcatttg	180
tgaagtgttt	gcaagtgggt	agagctgccg	ctgctaacct	gtgaactgaa	ctgctgattt	240
ccagacatca	cagacaggag	ttgcttnaaa	gaacctttct	gaacagggtcc	acttccctca	300
tatcctttgt	tttccactat	caccggtggg	tgatgggcta	caaggagggt	taaagtgatt	360
aagaaccatc	attaaaaata	ggtgtttgaa	aaaattaaaa	ttacaactag	cctgtgtaac	420
acaaaaaaaa						430

<210> 33
 <211> 317
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 33						60
gactgagcct	cggatacatt	tgaccancan	ctggttatga	anaataaacc	tgctntnngt	120
nanantgngg	ctgaggatga	aggcacagga	taaaacaggg	ctggagagat	ggnctggctg	180
accaagagga	cccattccca	gaactcacnt	ggcagcatga	caccgcattt	ctaacntaca	240
ngcctanggg	atcttcagg	gatnctaate	tacaanaagt	gtgctganca	cgttgacctt	300
ggacttcnna	gctatgaagt	tgngaaaaat	ggatttcaca	gngcagnggt	ggcncataac	317
tttgateccca	gcacttg					

<210> 34
 <211> 515
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(515)
 <223> n = A,T,C or G

<400> 34						60
tgagccatct	ctgagnnccc	tccgangcct	tctactgaaa	ctctgcttga	ganacctggt	120
ctagggaagc	aaatgaaate	aggccgcacc	tccctgaagc	ctgtcttccct	gggagttctc	180
tcttccctct	tgcagctgtg	agcaagccta	gaccacagac	aacccttgaa	gacaacttca	240
gtcagtgcca	ggcagatcac	atgggtatgga	tctggccacc	tncactgaca	acgccggatc	300
cggatggcct	tcgtttcttta	gaatccagga	ctcttttctca	ctagcttctt	tactctgggtg	360
tggetgtgccc	tgctactggg	ctcccatgtc	acggcctgat	cgcagctgct	catgatcatg	420
aagatctctc	ctagttaaagt	tcacttgaag	gacaattttg	tgtaaaacttc	tgctctttcc	480
aacacttgaa	atgaagagtc	caccgncaca	tgggttagga	caagagtcag	agataacctc	515
tgagatcacc	acactgagct	cctgaatgta	gcata			

<210> 35
 <211> 543
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(543)
 <223> n = A,T,C or G

<400> 35						60
gcacatctgt	tggagcctac	ttcttcagga	ttacagttta	tacagaagac	cagctgaaac	120
accagactg	cagactcacg	cccactggaa	gcctacctct	tcaggattgc	agtttatata	180
gagggccagc	tgaaacacct	agcctcggtg	aactagactc	ttggacttcc	cattttacagn	240
tgctcattgt	tgggactagc	ggctcattca	gcaccatgga	gagtgccacc	atcagccctc	300
agccccccaca	gtctgactcc	ctggaggcct	ttccccagaa	gagcatggag	cctgcagaca	

tngetgtcct	agttctgtac	ttcctctttg	ttctggctgn	tggattatgg	tccacagtga	360
ggaccaaacy	agacacagng	aaaggctact	tcctggctgg	aggggacatg	gngtggcang	420
ccagggggtg	canncttgtn	ngccagcant	ggttggaagt	ggacaccttn	attggnctng	480
ntgggnctgn	tgctgntggg	ggcatttctg	nenctgccta	tgaacttaat	ggcttgcttt	540
ttg						543

<210> 36
 <211> 304
 <212> DNA
 <213> Mus musculus

<400> 36						
gactgagggc	cttggctcct	ctggcacagg	agttataggg	gttgtgagca	ccatgtggat	60
gctgggaatg	gaacccagtg	catctgcaag	aacacctagg	ctggcctgaa	actcactatg	120
aagccagaga	tgaccttgaa	cttctgatcc	tctcacctcc	atccctgagt	gctgggactg	180
ctgaagctgg	ataagaaatt	aagaaagaac	ttaagaggca	tttggtggtg	acagctgatg	240
aagcactata	aggacagaat	gacaatgtgt	catttatatt	aaaaattttt	taaattacaa	300
agaa						304

<210> 37
 <211> 295
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 37						
tgtctgtggc	tatgggatnc	acattgctnt	cantcgaaac	cnnggangtt	nccaaagtct	60
ggggcatggg	actcagcaaa	gattcccagc	tgggattcca	caggagccgg	aaggatnaaa	120
gggcctggtg	agatgggtca	gtggtttaag	agccgccaac	ctgcctcttc	caanggttcc	180
tgagttcaaa	tcccagcaac	cacatggcgg	gctcacaacc	atcccgaat	gaaatcctga	240
tgccctcttc	tgngtgtgt	gaagacaggt	acagngtnt	tataataaat	aaata	295

<210> 38
 <211> 279
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(279)
 <223> n = A,T,C or G

<400> 38						
agactgaggg	gctcactatg	cngetctgga	cagntataaa	ctnatcgaat	taacagaccg	60
acctgccttg	gctttccaaa	tgctgaagtt	aaggaggtct	natgatgntc	agacgaggct	120
tgaacangat	acttaataca	gccgggagg	ggtggcacac	acctttaatc	ccagcagttg	180
ggagacagag	gcaggcggat	ttctgagttc	gaggccagcc	tggtctacag	agtgagttcc	240
agcacagcaa	gggcaaatcc	tgactcggaa	aaaaaaaa			279

<210> 39
 <211> 267
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(267)
 <223> n = A,T,C or G

<400> 39
cacagtggtc ccagcccatg gacctgnant ctanagacac tanncatgtn ngganngcnt 60
gnngacnttn ntgcacaaaan ancacatcan ctgcgccanc aacancaaca ncaacaacaa 120
cnacaacaac aacaacanca acaaccaacc ccaaaccatga taggaaacag cctaataaaa 180
acatnccttt atagccagta caaaggcatg tgtaaaatta atttaaactc tncatttgaa 240
gaataaaaat tactagcctc ttggtga 267

<210> 40
<211> 219
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 40
catctttggc gagctccaac cccatgtcng tatggatgnt gatgngcttn caccnngatg 60
atacacggac tngaagtctc ntgaanctgc acattcanac ccaannaant gntaatgttt 120
atatgancat naggtaancc attctgtaaa ccacaaatac acagagagat atttgctgca 180
tgatataagt taatattagn aacttcgatt tgaataata 219

<210> 41
<211> 271
<212> DNA
<213> Mus musculus

<400> 41
ccaggctctgc atgtggttcc caggcatata tgtggacaaa tcgtctatgc acataaaata 60
aaggaagcct gctgaacatg accctggaag caagccagtgc cctggaagtc agtcttccag 120
ttgcagcctt tggatgaaga catagaactc tcagctctgc ctgcgccctg cctgcctgga 180
tactgccatg ctcccacctt gatgataatg gactaaacct ctgagcttgt aagccagtcc 240
caattaaatg ttgttttcta agaaaaaaaa a 271

<210> 42
<211> 171
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 42
agactgatat gtcactaagt agccctggna ggctagtctg gaaacttgat gtgtgggacta 60
ggctgacctc catccaattc acagaaagcc acctgctcct gcctcccaag taccgggata 120
aacatgtatg ctatatgccc aggtcatgta atgtattgtt attgttgttt g 171

<210> 43
<211> 155
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 43
gcgaaagcca gtatgacctt naacncctgt tncntngctt ncatgccccg aggactgnga 60
ttgcattggg taccanccctg ccctgtgggtg ctggtcattg aatctaaggc tnnangggta 120

ctaggcattc cctccacgac tgagaaaaaa aagaa

155

<210> 44
<211> 299
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

<400> 44
gactgagatt ctccatgggtg aacaacacag cagggtcatcc tctaaagagc caagtctaata 60
ctcctgcaga aggcctctct gngctcccag ncagtttcca ccaagccatg ctgcctgcc 120
gggtcaagatg tgatcattct gctgctgctt catcaccatg cctgttgctt ganccatgat 180
gntgatngt gcatccaact ggaaccatga tcccaacttc aaacacaccc tttcttctgn 240
angngnnact ttctnatnng gnttttctta cagccatana aagtaactaa cataaccat 299

<210> 45
<211> 307
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 45
actgaggctc tcggcagtggtg tggacgcaca ccttgatccc agcacttggg aggctgaggc 60
agggtggattt ctgagttgga ggccagcctg gtctacaaac agactgcaag ctgtactgcc 120
ctaatacanac cccagggctg caaactgaga tgctcaaga cttcgctaag ctacaagaag 180
cagttctgca cgggtgggggt ggccagccag cctctgtagc acccctcctg gattcgtatc 240
ccagctctac ctggccctca gggcttgatt tctaattaga gaatgcagat acagttgaaa 300
aaaaaaa 307

<210> 46
<211> 516
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(516)
<223> n = A,T,C or G

<400> 46
gctgggatga acccagggcc ctgcagcatg ctctgcaggc tcatgctgct gactgaacct 60
gctgctggaa cctgctgctg ggaaactcat ttttaaagca aacaaatgtc actgatgctc 120
agcaagngcc aagaatattc agctgggaac ctgtgctggc taactttatg tcaagatgac 180
acaagttcaa gtcacatca gcgccggagg aagcctcagc tgatgagtcc atgaaggaat 240
tttctcaatt agtgaatgat ggggaaaagc ccagtccatt gtgggtggtg ccateccctga 300
gctggtgagc aagcaagccg ttgggaacaa ggcagtaggc agcatcttcc atggcatctg 360
catcagggtc ctgccttgac tttcctcagn gatgaaagtg atggnggaag tgtaagccag 420
atagaccctt tctctctccg gntgctntgc tcatagagtt tcatcgaagc aatggttacc 480
ctaagacaga ctctaccgnt ggtaagatgc ctggtg 516

<210> 47
<211> 267
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(267)
 <223> n = A,T,C or G

<400> 47
 ttcacctgc gccacttcat cgtgtaccca ccagagtcg gccgtgcact gcacacctgaa 60
 ggaggaagag aatggaggcc cgaggaggaa gaggaggagg aggaggaccc tccccncggc 120
 accgcctgga gcccatggac accatctttg ngaagaatgt gaaggatggt gggcccgccc 180
 acagggccgg ngctttncac aggagaccng nctggtgaag nntgaatggn gagagcatct 240
 ctgggnaggg gctatttcaa cgctata 267

<210> 48
 <211> 255
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(255)
 <223> n = A,T,C or G

<400> 48
 gagactgagg tgtctgagcg gccggagagg cattagaatg ccttggagct gaagttaaaa 60
 ggcttttcta aatcaccaaa tatgggtgct gggattcaaa ctcaagtcctc aggattgagc 120
 aggaaacact cttaccacag gagtcatttc tccagtcctc cagaaaagct tctacaaggt 180
 gagcgctatt tctgagntat aagtattntt gnaaataccg ntttccaggc agaataaact 240
 aaagaaaata tctca 255

<210> 49
 <211> 315
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(315)
 <223> n = A,T,C or G

<400> 49
 aactgagggtg ctcccttgctt gtcaggagct tctccttccg ctccaccgcn tctcncgttg 60
 cacagacaat gtcnacantc cnnttcattt angcaagcgc agaaaggacn cccccctgtt 120
 ttcccncttc agccttgctt tggtttctcg gcccctttc ttccgcctg caatttttcc 180
 aacctgttca gccntttctc agacaatttt tgaaacctaa atataagang angaaggagg 240
 aggaggagga ggannaggag gagaaggnga aggagaagga gaaggagaag gagaaggaga 300
 aggaggagga agacg 315

<210> 50
 <211> 277
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 50
 gactgaggac cacagggccn ggtggccctg ntgctgagaa ctcaccaacg gtacaaaatg 60
 gaacgaggac ttgggaacaa ccagatgaca acctgaaaac tccagactag actgtttttg 120
 ttgttaaaat actaacaaca gccagtcctg ggcacacacn ttttaacccc ggaactagga 180
 ggcagaggcg ggtagatctc tgtagttgaa ccaattttaa cttatccctg tctagcttac 240
 aatgaataa aactcagat atggttaaaa aaaaaaa 277

<210> 51
 <211> 394
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 51
 actgaggtgc cccgtgctcc agccagcctt gcctcctcac tntcctgggc attcctccga 60
 ganctcctgc ctctcaacct ttgctagtgc tattctctgt gcctgggacg atacctttga 120
 ctcatcttcg acctgacctt ntggagagag cttgggcctt tggaggcaga gagaccctgg 180
 gttcggattt ctggcttcac agcttattat ttggacaagt cctttggaaa agtanntaac 240
 nnntctggag cccagccttc ctaaccctgt aaaaatggag ntgntaacac cctaccnntg 300
 ccagggttgt tgtaaggatt aacctgaaat tatatatgta tctaatacaa ttaacatata 360
 gtcaataaat gacacgtcgc tgtaaaaaaa aaaa 394

<210> 52
 <211> 401
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(401)
 <223> n = A,T,C or G

<400> 52
 gactgaggtc agatgtaagc tctcagctac ttttgcaatg ttctgccagc ctgcctagtgc 60
 ctatgtctcc accaacgatg gtcaagaact caccctctga aaaggatgct acattggatc 120
 aagatgtaga aactcaggc tccttctcca ncaccgngtc tngngctggat gcatgccatg 180
 ctttcccacc atgatgatac aggactgaac ctctgnacct gtnnaccacc cctaattaaa 240
 tgntgtcctt tatganagct anattggatc acgatgtggn aacactcngc tccttctcca 300
 gcaccgatgn tgtctggatg cctgccatgc ttcccaccat gatgatacag gactgaacct 360
 ctgaacctgt aaaccacccc taattaaatg ttgtccttta t 401

<210> 53
 <211> 290
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(290)
 <223> n = A,T,C or G

<400> 53
 aactgagcct tttattgtgt gctatgtaga ctacagtggc cctgagctca cagagcgcca 60
 cctgtccctg ctttctgggt gccctanagc gctgnntgac tgaanancan ttanctaccn 120
 tacagcacca tgcctgccta catcctgccca ggaatgcnaa ctggaccaag acctgngaga 180
 ctgtangcca gngcccagcc taaatgcttc cttttataa agttgntgag ntcacagngt 240
 cctattcngn acagttncac agtgactcgn acacatacta tcaacagata 290

<210> 54
 <211> 215
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(215)

<223> n = A,T,C or G

<400> 54

gcccaccatg	gaagccctgg	ctgtcttgga	gctcacagag	catccgcca	ctctgccgac	60
ccctacttaa	ctctgggttna	aggngtgcac	caccatgccn	ggctctccac	agagaatttt	120
tattcttagc	atgnnaggct	cttccttntg	ggtcatttta	ttcattttac	tacncagcag	180
agcttttact	aaaagacttt	ttccccccatt	taaaa			215

<210> 55

<211> 381

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(381)

<223> n = A,T,C or G

<400> 55

gactgagggtt	tttcttcccg	tgaagnggca	aggaggacta	ctgaagctct	tataaagaaa	60
agcattttaat	ttgggctggc	ttacaattca	gagctttaat	ccattattgn	catggtagga	120
aacatggcag	cacacaagca	gacatgggtg	tggagataaa	tagccaaaag	ttctttctac	180
atcttcgtct	gcaggcagca	ggaagtttga	gagacagtgg	gtctggcttg	agcatttgca	240
acctcaaaga	ccccaccca	ccctgtgtgac	acacttcctt	caacaagcca	cacctaatag	300
ccattcccag	gtgactaagc	atttaaactct	ctgagccaca	gtataacttc	aataaattcc	360
ttgaaatttg	aaaaaaaaa	a				381

<210> 56

<211> 240

<212> DNA

<213> Mus musculus

<400> 56

agactgagac	tgcaaaggag	gggcgaaacg	aagacatggt	gaagggtggca	tgaacctgtg	60
gtccagctac	ccatgctgat	tgggcccagg	agttcgagag	gtcctgagca	attcctagca	120
acaacatggt	ggctcacaac	catctgtaat	gggatcccga	tgccctcttc	tggtgtgtct	180
gaagacagcg	tacagtgtac	ctcctataaa	tgaataaat	aaataaatct	ctgaaaaaaa	240

<210> 57

<211> 507

<212> DNA

<213> Mus musculus

<400> 57

gactgaggcc	gaccagcagc	tcccagagacg	gtacaactga	gatggcagct	cgagggtgaaa	60
gagaggaact	agacagacgg	aagaaagaac	ggagccaagt	caaagtggac	tctgatcaaa	120
gctcaatttt	actattccaa	cactgcagtt	atgaaggagg	ggaagggggg	gccgattccc	180
gccaaataat	cctggagtcc	agtagcaggg	tgaccacgtg	tatggctcca	gaacagcaaa	240
gcagcagggt	ccagcagtg	gcgtggcaga	acgattgagg	ggcaagctcc	atccagatgt	300
aaacagtggg	accattaagg	ctggggggagg	gaaggctaca	ggttcagata	ccataaatgc	360
atagaggcca	taaattctga	tccagtagtg	ctggagtaaa	cagacagttg	tgaatcacc	420
aacatgggtg	ctggggattt	aactcaaattg	acctggaaga	gcaaactctt	aaactgctgag	480
agctctctcc	agggcccaata	agaatta				507

<210> 58

<211> 554

<212> DNA

<213> Mus musculus

<400> 58

gactgagatt	taaaaagaag	gaggaggagg	aggaggagaa	caacaacaac	aaaaacaaca	60
acaacaacaa	caacaactat	cttatgttca	agtgcttaag	gtggctggat	cttccatccc	120
gacttctct	gcaactcatt	tctcatgcat	ttcacattaa	agtattcaca	ggagacctgg	180

tcagagatag	gaaacggagg	tagcatttac	agtcagttcg	aggtgtggct	gctacatattc	240
cctgtctgggt	gtaggactga	ccccccagga	acgctcttct	gactcagcaa	cagactccga	300
gattccgaga	tctcagcagc	acctgtgccg	aagcacacgc	acgcaggaat	gtgtctgcac	360
agaggaggaa	cacgtgttga	catacatgga	accaggagct	aatctatgga	aactcttccc	420
accaccctgt	gtacaaaagtc	ataagcggga	gacgccatgt	ttcatccata	ctatttaaaa	480
cagaaattct	ctcctatagg	gattgtgtctc	agcaaagaaa	catctacaat	tacgtcaaat	540
aaattgagcc	gcga					554

<210> 59
 <211> 178
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(178)
 <223> n = A,T,C or G

<400> 59						
gactgaggta	ccaggcatgc	atgtggtccc	aggcatactt	gccagcgcca	gcatgcacat	60
gcgcaccccc	caccacacag	agagagagag	agagagagag	agaggaanat	ccagggtatcc	120
agggtangnn	atattgnct	gtgtnttggg	ctggagagat	ggctcattgg	ataagagc	178

<210> 60
 <211> 443
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(443)
 <223> n = A,T,C or G

<400> 60						
gactgaggat	tcttggaggg	agaanatgag	tcatcagaac	aaaggactct	gangccttag	60
agacaacagc	agcacaagtc	ttccacagag	gaagagnctg	natcaccaan	gagcatagcn	120
cnggattgga	cctaggcccc	ctgcataatat	atatgcagat	gagccacgtt	gancttcatg	180
cagatctccc	aaacatcttg	gngetggnnc	gtgccccttg	agtttgctgc	ctgcttgngg	240
atgcttgccg	ccttaaatng	gnntgtnttg	tttggcctgg	gtgngnaata	agattnnctt	300
actccttnc	gcaggacttt	gaagggnggg	ggngngngng	gtggnaaaag	nnnaatttnn	360
agataggggg	cttcccnntt	cttntttaag	nagggaggnnt	ggaggaaagg	ancntnncta	420
agggggntat	tggggagggg	agc				443

<210> 61
 <211> 433
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(433)
 <223> n = A,T,C or G

<400> 61						
gaactgagat	ttattttattt	tatgtacatg	agtacacatg	tagctgtctt	cagactcacc	60
annaagaggg	catcagatcc	cattacagat	ggttgagcta	ccatgtggnt	gctgggaatt	120
gaactcaaga	cctcnttgaa	gaccaagtca	agtgtctctg	accaccaagc	catctntcca	180
ggncaaagat	cacatctctt	tgctcttccc	ttacagttgc	accagcctgg	gaatcaagaa	240
tgcaaatcca	taagcctatg	gttccagtct	tattcaaacc	atcatagtaa	ccggcacctg	300
ttctgacaat	catgctaagg	aatggaaagt	gagtgtgtgn	gtcagaatgg	caggggaagca	360
tcttaacagc	aaactaagcc	agagtanttc	catgtggaag	angctttatt	ggaagggaga	420
gacaaagtag	tgg					433

<210> 62
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 62							
ttgccttacc	agaaagacnc	catgtttcaa	cctcccagnc	cttacatggc	tagcttacaa		60
catgtnactc	cagtttcagg	ngctctgata	cccttacaca	gacatgcatg	caagcaaaac		120
accagcgcgc	atgaaataaa	agtaaatacc	tttttaaaaa	aaaaaa			166

<210> 63
 <211> 546
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(546)
 <223> n = A,T,C or G

<400> 63							
gactgaggtg	ctggctctcg	gggtccgaagt	gcctcatgat	actggatcga	ttggcgaaaa		60
gctaagtaag	gtgnnttccg	atactatctn	ntanttgang	acccaatact	tcagcngtng		120
tggnncnagg	cctttaaccc	cngcactcag	tgaggccnat	nagtgccaca	ntagaggcaa		180
ggggacagcc	tggtctacag	agcacgatnc	nggacngcct	gagaagaaaa	tgaaaaaagn		240
tattggaagt	ntganaanta	cacctngnag	acttganacc	cacntattta	caacaccaga		300
aatggaaact	ggaaagagcc	ctggaggcgg	gagcgctct	ctttcatggc	accaagctgn		360
caagtttact	catacacgtg	tcttcttttt	gannaaacgt	nttnncttaa	aaaatgccna		420
tactttttatt	ttggtgtag	ntncnganng	gangacctgg	ctttngnnt	taaaccnta		480
aaggccacnt	aantnntntg	ccatnttngg	ncataaaaaac	agtcttttac	cagttaggcg		540
ggaaaa							546

<210> 64
 <211> 185
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(185)
 <223> n = A,T,C or G

<400> 64							
aactgagagg	tgaccccctg	tgatcctggc	gtctggctga	tgaaggcaag	aggagcagaa		60
gcttaaagtt	tcttgactgt	atagcaagtt	cagagccngc	cagggctata	tatatatatn		120
nnatatacaca	ngncacatgt	ntatatatga	ngatataaag	nnatgaagag	atatataaaa		180
aaaaa							185

<210> 65
 <211> 554
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(554)
 <223> n = A,T,C or G

caggccagag	tatcagaact	gttcacagcg	agcaatggtg	agcgtcatgc	ctggccttgc	60
tggtcctggt	ctgaaagcac	tccatggctt	cagcaatgct	cactttcacc	ttcccggaga	120
ttgcagtctt	gccagagagc	catccaggca	ctcaggaggt	acagagggtt	gcacagtagt	180
tcaagctggg	ctccagtaca	ggctcctcct	gtctcagcct	cgcaagtact	aggactccag	240
gcctcctgaa	tttgctgtgt	tccagatcct	ttaaaaagta	agttcaaata	ccagcaacca	300
catggtggct	cacaaccacc	cgtaaggaga	tctgatggcc	tctagctaca	gtgtacttac	360
atataattaa						370

<210> 70
 <211> 136
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(136)
 <223> n = A,T,C or G

<400> 70	
aggactgggt	ttacccatgt tgcagctcac anntgtccat aaccccagtg tcaggaaaac 60
cgatatactc	ttctggacac caggatatgt tgtagtgcac aggtntacac ctcgggcaaa 120
acacctcata	aaatta 136

<210> 71
 <211> 391
 <212> DNA
 <213> Mus musculus

<400> 71	
gactgagggt	ctggcaaatc agtggtcctc cactgacaga gatctgccta cctctgccag 60
ctgagtcctg	ggattaaagc cagacattgc tatgcccagc ttggccctta tatcttaaaa 120
agaatcatgg	aaaaatgtaa aaatccaggg acagcgagca atatacgtat ttacacacacc 180
tgagaaacac	tgagacgtac cctggagata caaacttatg gcagagcccg agttggcccc 240
cattgttgaa	tccctatggt tgactgctgc agtggttctgt tgggcagggt tgatttttcc 300
ttataatggt	tgaatatctt tagaatccca agcaaaaaggt gttccatgga aaactgggga 360
agcaagtgga	tccagagcaa acaaaaaataa a 391

<210> 72
 <211> 314
 <212> DNA
 <213> Mus musculus

<400> 72	
actgagtctt	gtaactcaga ggcagctgga tgtctatgaa tttgaagcca gcctgggtcta 60
tgtagagtgt	tcctcacagt gtctctttga cagagggaag aagaagagga gctattaaag 120
tagcttacag	gctatgggtc aactagtcca acaatggctg tccacaactg gaagggtccaa 180
gaatccagta	gttggttaagt ccatgagggt gcagggtctca gctgttcttc agcatagct 240
ggaatcccaa	agaagttagc actaatacca gtaaagagtg aatttaccag cagtagcaac 300
caaggaaaaa	aaaa 314

<210> 73
 <211> 443
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(443)
 <223> n = A,T,C or G

<400> 73	
gactgaggat	acaagtaaaa gttcaagggc catgagtaaa ggtcaaaagc cagacatttc 60
ccagctgatt	tacatctcac tggctgagag gcaagaatcc tagcacagct gatcaaatc 120

cttgcggaagg	atctcatgaa	caatatgaac	cacgctttac	agcactggga	ccaaagggtg	180
gcgccaccac	acctagcaca	gagcttcctt	ttaaaattat	tttcacattc	acnaaaaatn	240
attggggggn	atgctgccc	atgtgaagg	ggatgtcacc	ggatcaatgca	aagngtctct	300
ctcgattatt	ctgtaccgac	ttttagaaga	cttatgtgtg	gggctggaga	gatggctcag	360
tgggtaagag	cacggactgc	tcttcagag	ttcagntccc	agcaaccaca	cgatgggtca	420
caaccatctg	taatgggatc	tga				443

<210> 74
 <211> 333
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(333)
 <223> n = A,T,C or G

<400> 74						
cacgttcac	ttcctggggn	ganccagnnt	caacagggaa	nctancacgt	gtggaaagca	60
agcagcann	gactccaagg	agatnctacc	ctnccaagg	catttttagg	agccaggcgt	120
cttcacttct	gtgctcattc	agcctttcan	cangnnnccn	ccancaacaa	cnatcaataa	180
aaactggagn	tttggttaca	gggaattctc	tgngtanccc	tggnttttct	gaaacccact	240
ctgtagacca	gggtgggtctc	aaactcagg	gtctgcctgc	ttctgcctcc	caagggctag	300
gattaaaggc	atgcaccacc	ctaaaaaaa	aaa			333

<210> 75
 <211> 436
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(436)
 <223> n = A,T,C or G

<400> 75						
ccacaccagg	acctattata	gcatgctgnt	nggctgttag	ccancatgtg	gctantggga	60
nttgaactca	ggaccctctg	gaagagcagt	agtcagtgtc	nttaaccacg	gngccatctc	120
tncagccct	ggcaactttt	caaaagatgg	aattctgnta	tttcagttgg	atgngntggc	180
gcctgtcttg	actgtagctc	cngcatgttg	ggaggtggag	ccagaggatc	antttacatt	240
ttaccttggt	ttctgagagc	nggcctcnn	ancatgggaa	nccactncca	angaggtgtg	300
gggagagggc	tcnnngtgga	aaatgtntgg	cttgcaagga	ccaggnccaa	tggncatgc	360
ctataangnc	ctggncctgg	gttctttnng	ccgnctgntg	gtttangctg	gttgaacaat	420
catttttctt	aaacac					436

<210> 76
 <211> 461
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(461)
 <223> n = A,T,C or G

<400> 76						
gactgaggag	tagggatntt	actgagaacc	ataactggaa	taccaggtat	ttctgntcga	60
agcattcttt	catagaaatg	gcttcancaa	gaagatctgg	agaanggtag	catcaataan	120
catgcttatg	tgaaaggggg	aagaaaacct	catgggaacc	cacccttaga	canagaaata	180
ttgaccacta	atgactactg	agctactaac	aaacttgcaa	ccaatcacta	tgaatgactg	240
ccaaccatca	acctcatctt	tgaaggcccc	ttgcattgag	aaactctctg	aagagttccc	300
agaattccat	acatnacaca	atcacaggaa	ccatctgcag	cntggaaaaa	ccatgcctct	360
tctagagcat	cagtcaaagc	ttgtccaaag	cagccccaca	tccctatacc	tggtgattgag	420

ttgaaaacac atccttatat ttctatggct tttaaaataa a

461

<210> 77
<211> 416
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G

<400> 77
agacggcaat ctgcaagcnc acacgtcnaa ccacctaatag tatgcancga canatggggg 60
cacacagccc tgcacaccta ttcatgtgtg cccagcggtt ccanganaca caaagggaca 120
cgtgcagaga tgccccacca tgatcaagcc catgtnaccc aggctacntt naagtntgct 180
atggaattga nagagacctg gagcttccgg tcctttctac ctccccaggt gctgggnatgg 240
cagaagtgtg tccgcctgcg cattagtcac ggtaggaat aaaaccaggt gcttcaagca 300
tgcttggcag atgttntgcc aactganaca cagccccagt ccccaaacca catagttttg 360
aaatacaggt cacattttaa aataaatcaa cctgggatgg acggtaaaaa aaaaaa 416

<210> 78
<211> 168
<212> DNA
<213> Mus musculus

<400> 78
gactgaggtg catcaccttt gaccttgccc ttgaccttt ggccttggct cttgtgagac 60
ctgcaaaggt gcactaggat ccagccttgc atggctggca gccagatcct ggggcaaccc 120
atctggtctc ttgaataaag gtcaaagctg gattctcaaa aaaaaaaa 168

<210> 79
<211> 222
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(222)
<223> n = A,T,C or G

<400> 79
gactgagggg cggagtaaga ctgattcgtn caaaaactac caacagaaaag accatagacc 60
acaggagagc tnggcctgca cttaccangc cccgaatatg catcaccatg atgaagagtt 120
tgttgttttt gtaggagata gacatgcttn acctnccac cgaccttccc aaccggccgg 180
gccacngtc ccatctgcag aaataaagga aacagaagtc ta 222

<210> 80
<211> 126
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(126)
<223> n = A,T,C or G

<400> 80
agacttgagg atgtgccgct gctgctctct gcacactact gaactgngac cgangntata 60
tccaggaaac gcttgtnagt ggatcgagct accactgctg cctcctatga actgaactga 120
tgattt 126

<210> 81

<400>	81							
gactgaggct	gtggccttaga	gaatgagatg	caaactggnt	cagagactga	agacttatgg			60
gagcttactt	ggcttgagtt	caccagtggc	actgcctctc	atcttctttg	accttgctctc			120
actgacaaga	caggcataag	gcctccaaag	agaaggtcag	ggctggagag	atggctcaga			180
cgttaagagc	acctgattct	tttccagagg	tcctggattc	cattcccagc	actcacatgg			240
caagctcaca	actgtctata	actccagttc	taggggttct	aataccctaa	cacagacatg			300
cgagcagtaa	aaaacaccaa	cgtaataaaa	taaaagtaaa	ttattagata	tttaaaaaaa			360
aaaa								364

```
<220>
<221> misc_feature
<222> (1)...(319)
<223> n = A,T,C or G
```

<400>	82						
gaactgagga	tgcattgaaat	tcccagnatc	ccaacgcttg	gtaaggcagg	aggctggngg		60
cgagtttgag	gcaagtctga	ccancacaga	aagaccctgn	ttgaaagaga	caatcaacan		120
caacgaancc	aaaaactnan	accaagcaaa	catctggact	ggggatgtag	cctcagttag		180
tanaatgctt	gtctaatatg	catgagacc	tccttaggtt	ggattctcag	caaattcctg		240
accagcctgg	gatacatgat	accctgtcaa	acaaacaaac	aaacaaacaa	acgaacaaac		300
ggaacctaag	taaaaaaaaa						319

```
<210> 83
<211> 554
<212> DNA
<213> Mus musculus
```

<400> 83						
gactgagagc	tgctctcaga	actgctgctg	ctgctgctgc	tggacgagct	ggagtccgag	60
tccgaggagg	aggaggagga	agaggaggaa	gaggaagacg	aacaggccga	ggaagaggag	120
gaggaggagg	agctagagag	gctttcatct	gagtcacctg	tcttctgaag	aggatgaggc	180
ggatgtctca	ctctctgatg	aagactcact	ggccgaactg	tctactgctag	agatcaactc	240
taagtagtga	aagttcttct	ttgtcttctt	tgagacaagg	tctcacgtag	cctagggctag	300
gcctgaagat	gctgctgaac	gcttgacccc	tccgcttccc	ttacacagcg	tcacggatgg	360
atctcagaac	cttgctgatg	ctaggcaagc	actctgcaaa	ctgagctaca	tctcagcccc	420
acttctaccc	tgtgcttgta	cctcaaaggt	ttcccaaagt	agtctctgct	ccctgatgag	480
gagagtaggc	tgatcctgc	cacagacaga	gccagcacgg	gcttcactct	aaccaatcac	540
cacagtccct	tgatc					554

```
<210> 84
<211> 265
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(265)
<223> n = A,T,C or G
```

<400> 84
 catatgtaca ttggtgttng ccagtgtgtc cgtgaagggtg tcagatcccc tggaactgga 60
 gttacagaga gctgtgaact gccacgtgtg tgctaggagt tggacccagg tcctcccgaa 120
 gatcagtcac ctctctccct tacctacttc agcttctttc ttgccactgt ggcctgccac 180
 tttctgccat gacccaccca tgatggactc agaccctctg gaaccataaa acaaagtaaa 240
 ccctcttctc ttttaaaaaa aaaaa 265

<210> 85
 <211> 255
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(255)
 <223> n = A,T,C or G

<400> 85
 gactgagagt gcccctttga gagagggaca tgagcattct tttgtgatgc taagacatta 60
 ctcaccggnc aagcagaagg gacnncacac atgggagacc caggagccac cccttctata 120
 cctctcactt gcttaagatt gggcctaaag cagtgggttct tagccgtcct aatgctggga 180
 cattttaata cagttcctaa tgctgtgggtg acccctcaac cataaaatta tctgttgcta 240
 ccttaaaaaa aaaaa 255

<210> 86
 <211> 145
 <212> DNA
 <213> Mus musculus

<400> 86
 gactgagatc cagatgtaga actctaagct ccttctccag catcatctct gcctacatgc 60
 tgccctgctt ctcaccatga ctataataga ctaaacctct gactgtaag ccagccccaa 120
 ttaaatatct tcctttataa aaaaa 145

<210> 87
 <211> 483
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(483)
 <223> n = A,T,C or G

<400> 87
 gactgagaaa gaagaagaag aagaagnaaa gnaagaagaa ggagaaggag aagatgaaga 60
 agaagaagaa gaagaagaag aagaagaaaa gctttcaaaa agtttccagg ctggtntgna 120
 ctgcacaaaag accctgactt gaaacaccaa aaccaagcac aaccagcaac ccaaccaagc 180
 aacaaatgac acacaccaag gctcatctgg ctccctgagg tcaaagttag ttttgatagt 240
 gttttattct aacatgtatt ttcagagttt tctgctttga aaatgaagtt ctttttttagc 300
 tggagaagaa taaataatat ttccaagaga agccatccca ggaaaaatga aaatcactta 360
 gcttcttgca tttagtaagc agctttgtgt ttggcacgtt ttatttgaca aaccctgggtg 420
 ctttctgccg tacttaccac gtgcatctat aataaatata gatatgatat aataaataaa 480
 aaa 483

<210> 88
 <211> 431
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(431)

<223> n = A,T,C or G

<400> 88

gactgaggct	ggaagtgtgt	atctgtgctg	agcgcgctact	tecaccttct	tgcggctgtt	60
ctctgataag	ctccaattct	gagaaaaggt	ttccgaggcc	accggaagta	cggagtatgg	120
atgcactgtt	atgcaaaaca	cattntttca	gccccacccc	accaccaccc	ctgcagcctc	180
tacctcagg	aaaagttagt	acnggaacca	cctgactcan	ccactccag	ttctgnggaa	240
accttcacat	ggagttttaca	cctgccagct	ctatgacctc	aaagnccatc	tcatgcctgg	300
gaggnttatt	gcgactgttn	taatttttct	ttctgnntaa	ttntttaaaa	agactttatg	360
gtgggctgga	nagatggctc	accngttnaa	agacagaana	agaggtgata	tatgagggga	420
ggcaggacct	a					431

<210> 89

<211> 486

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(486)

<223> n = A,T,C or G

<400> 89

tgggagcctt	ctgtctctgc	ctnccagagc	tgggatgnca	tgcctgcgtc	cagtgcatac	60
nacatgatna	ncnncatnnn	cncgnntnat	nannatcatc	atcntcttct	cnancancag	120
cagcaagcag	cagccttttc	catgnatggn	tgtttgtctg	aatgtgngnc	tgtgtaccac	180
atgggtgcat	ggngtcctta	aatctcctgg	gactgaagtt	acagactgtt	gtgaactggc	240
acgaggggtg	tagacttgaa	ctcaggncca	cactggaaga	gcagccactg	ctcttagcca	300
ctgagccatn	tctccaaccg	ggttcagcct	ttgaaaagag	tctctttggn	tgctctgagg	360
tagacagaga	tgaangcaag	aatgccatcg	nggcattgat	ggngggggag	gtatagatgg	420
cttggagcag	catggtancc	agaaagggac	tggactggta	tgtnccanga	aagtaagctg	480
accatt						486

<210> 90

<211> 266

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(266)

<223> n = A,T,C or G

<400> 90

gactgaggta	ggatctcact	gtgtagccct	ggctggaact	tactatatgt	cggccaggct	60
ggtcttgata	tcacagagat	cagatctgcc	tgactctgct	gccaccctcc	accgcgaag	120
tgctgggatt	aaaggcattc	accantgnng	gcactggcna	nnntcnnnnc	ancttntatt	180
catcgtgtgn	gcntacctac	ctacactact	ctanggtaca	ctacactccc	tacactattc	240
gncangggag	aacagtgggt	ttctct				266

<210> 91

<211> 228

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(228)

<223> n = A,T,C or G

<400> 91

gactgagatg	aagaaggggg	gcctgggttg	acacgcctgc	catcctagca	cgtggggagat	60
ggtggcagga	ggatcgaggt	tgaaggatcat	cttcaggtnc	ntagtgagtn	tcaaactcag	120

<400> 95
cactgtcacc cttcacgacg ccgcctctac agacttctgc ccaagctcgc cgagattctt 60
attctcttca gttccatttt acagatgaac aagaataaaa gtggaggcag caagcggctt 120
cgctgactcc aggtctctgg atgacaaa 148

<210> 96
<211> 393
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(393)
<223> n = A,T,C or G

<400> 96
gctgaaagag ggtgacggat ccactggaac tacacttacg gnttcccttg cactgcanac 60
ctgggtgtgg agagctgaat ggcacccagn gctgntaact actgagcctc tctgtaaccc 120
cacgaacaac atttntaaga ntcagttcgt ncacatggga aangcagggtg ctaacctgct 180
cagcagagtg tctgggatga tgaaagacaa tgctgtcagc nctgtgttaa tcttcacat 240
actcacctta aaagtcaacc ctaagagtca caccctctcc ctacccctc ctactgtctt 300
ggaactagaa cagtagacca ggctggcctt gaactcagat ccaccttccc tttagtgtta 360
gcattaaagc ttgtgtctacc accaaaaaaa aaa 393

<210> 97
<211> 345
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(345)
<223> n = A,T,C or G

<400> 97
gactgaggcc ttgacgaagg atccagcccc ttccagcccc caatgtgggg tttccttgga 60
tgccagccca tcttgggttg gacttgaaga tggcaaaatg cccaggggag aaacccttca 120
gatcttgctc tttgctacat atccacagat ctcaggacca ggtgctatnt gctnncttna 180
gatnctatat tgtgaactgg gggaacctcc ngngntactg nagcttcagc ctaaaactct 240
gcagcagggg agaagangcn ncacnngcct tngnntnacn cnngcacanc nggaaggcat 300
cctgntaggg ctntntgtnt gtncatttat ttgtgtgtgt gtgtg 345

<210> 98
<211> 295
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

<400> 98
atgtagagac ttaacctant gcgcnetgcc tnaactgagg aggangggca cacagccnac 60
atgatcatgc tgggcacant nntccacact cnccttnanc atnaccagca ccatgccttg 120
ggtccagact ccgatatgag gagactgcaa agcagggctg gggagggtgg agcaagcagg 180
ggtgggtttg ttgttttgnt tgttttttgc tnttcgagac agggttnttt tgtataaccc 240
tggctggcct ggaactcact ttatagacng ggctggcctc gaacttagaa attcg 295

<210> 99
<211> 304
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(304)
 <223> n = A,T,C or G

<400> 99
 acagactgag gtgtttatttc ctgggacagtc tgcagtgacc ccgcgctctg gaaagacaga 60
 agtgcttcta caggagccta gcactacagt ctccgagagg cttcaccagag cancatgg 120
 aaacagatgc agagacccag ggccaaacat cagatggagc tcggggagtc ttgtagaaga 180
 gtgggggaag ggatttagca atccagaggg gtcaagacaa cacaagaaga cccacngagc 240
 caactaacct gggcccatga gggctntcag actgaatcac caaagagtat gggggggggg 300
 gctg 304

<210> 100
 <211> 289
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 100
 actgagggat tgaaccttgg cctcatgcat gctaggcagc tctaccgttg agctggagcc 60
 cggacccttc agggcaagaa ctatggccct catagctgtg taccgttaag agcttttgct 120
 gagccctcac gatccgtaat ctccagaaca gggtttctct gtccctggctg gctggctgtc 180
 ctggaacgaa ctccgtagac caggctgggtc tcgaactcac aaagatacac ctgcctctgc 240
 ctcatgagta cctgggatta aagggtngca ccaccactgc cctgcttat 289

<210> 101
 <211> 422
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(422)
 <223> n = A,T,C or G

<400> 101
 gactgaggac ctccctggnc actggcangc acctgggctc ccagggtgac aaggctcgcc 60
 ntcnngatgc ctgnacgtgn ggngagtcg tggtcangng nncntgcttg caggccccc 120
 nanttgcttc tncaaaactgc nttggcctcc atgcatggat gaantgcatg gncagagct 180
 acatcaggag agccanggaa ggggacagga anacatttta ttccagcctc cagactgaac 240
 agagcagcat ctacaggttc atctgcacac acagcttcag ttactgtggt cagatatttc 300
 aactgcatct taggaaacac tgtaaactt gttctatttt attgcaagg atccttttta 360
 aatgttcttg ctgggcctaa nntataaaat taaagtttga cataggtaca cacaaaaaaa 420
 aa 422

<210> 102
 <211> 428
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(428)
 <223> n = A,T,C or G

<400> 102
 gacgggtgtt ggagccgctc angacatgcc aagggtcancc ggttgaggac tcaagtggaa 60
 aaggcnaaga taataanctg gcttcaagcc caccagcag ccaaggatga gcccgaaactt 120

ctcagcctcc	tgcctgcaca	nntgcatga	taacaacatg	tatgtggtgc	ntgtggatcg	180
aacccacggc	acggtgcgtg	ctagnaagaa	aatggantna	tccgatgcnc	natcctgaag	240
cctgcttgnt	cggggangga	ctnttctggg	gcntcctact	gccacncgna	ntgntnagac	300
cttggnagaga	cnnacntggn	tgcctttaca	nnagaacagg	cgagtantcg	cngtaaaatc	360
gtgattcnct	cggccctctc	cttgataact	ggtgtcacaa	caataaaatt	tgagccttga	420
tcaggaaa						428

<210> 103
 <211> 266
 <212> DNA
 <213> Mus musculus

<400> 103						
gactgaggat	cctagtgtgc	agttgctggt	agagaaaatg	gagtgatagg	attgctcagt	60
gggttaagat	acttggctct	tccagaagac	tggatggagg	ctggttccca	gcacccacat	120
tgggcagctc	acaacctctt	ctaattgatg	ctccagggaa	gtcgaagacc	acctttggac	180
ctttgcagac	actggcatat	atgtattttac	atacagatac	ctgtagcgta	taattaataa	240
aaaacaaccc	cacactaaaa	aaaaaa				266

<210> 104
 <211> 212
 <212> DNA
 <213> Mus musculus

<400> 104						
gactgagtag	cggggcattg	aattttaagc	ttcacaaaca	ttaggcaagt	gttctacaac	60
tgagctacat	ccttgaacaa	aactaattac	tttgatatgt	tctatatggg	gaagtgtcag	120
tgtagtccac	tatagtactc	aaatgtaaat	aatgattggt	taacaaccaa	cctctaagtg	180
tataagtgtg	taaacagaat	tataaaatac	tg			212

<210> 105
 <211> 539
 <212> DNA
 <213> Mus musculus

<400> 105						
gactgagggt	ttctctgtat	agtcctggct	gtgaggagcg	ggtgtggcag	cagccccaag	60
atggcgccctg	ggactgaagc	taagtcttat	gacttgcacc	tgacttcctc	atacacctga	120
aaatagccat	gaccattgtg	agagctgcac	agggtgcacca	tgatgctggc	agtgtaaaca	180
agtccatatt	tgggtggagac	atgcccttgc	cgccctgatt	ggctgaagct	gcgtgcctgg	240
ttagggcccc	agggactgcc	ccacgctgcc	tcaggctctgc	aggcttggca	gcaagtctcc	300
atgaactatt	tgctggccta	ccacacagga	ttttgactct	cttaaaccac	atccacctct	360
ctcaggacaa	cctccatcat	tccctgatct	ggaagacaaa	atgagagaca	gacacccatc	420
ctcctcagaa	gcccgggctg	gagggcaggc	agagcttggg	catctccctg	atgtagaaca	480
cccattgggt	gcccctggaac	atatcacctc	atcttggggc	tcgagaaatt	ctgatccag	539

<210> 106
 <211> 404
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 106						
gactgagcct	gtccatcaca	gaaggaagtc	ttggcaggaa	cctggatgcc	ggagctgatg	60
cagaggccat	ggaggggtac	tgctcttagc	ttgctcctca	tggcttcctc	aggccgtttt	120
ctcataaaac	cgaggaccaa	cagcccatca	atcatcagtt	aagaaaatgc	tctataggct	180
tgcccactgg	ccaatctagt	tgggaaattt	tctcaactaa	ggttcctctc	tccaaaatga	240
ctataacttg	tgccaaattg	acacaaaact	agccagcaca	ccaattaaat	atgtctactt	300
taaaacatac	agnccaaana	tatagatggt	ctgtcagatt	tctcttagaa	tgcataaaag	360

aaaaatttgg atgtccaaga acctcttgaa ttagaaataa taat

404

<210> 107
<211> 220
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(220)
<223> n = A,T,C or G

<400> 107	
cttctgcatt tgccaacagc ggatgcgcng acaatgtanc tgcttcacct ctggggentac	60
ttgtcctctc agcntgatga tgtgccgaca atgtancagc tcactctggg ctactgtcct	120
ctcagctgat gatgcgcgac aatgtagcag ctactctgg gctactgtcc ttccagctga	180
tgtcctgtctc actctcattt tggattaaaa ctgattctga	220

<210> 108
<211> 156
<212> DNA
<213> Mus musculus

<400> 108	
ggagactgag ctctgtctcc ctttctctgc attctgcttg tggatcagat gtgagctctc	60
atctactgct ctgggtgtcac acctgcctgc ctgcctgcca ccatgctgcc tgccatgatg	120
atcatggact caccctctga aactgaattc acctgt	156

<210> 109
<211> 132
<212> DNA
<213> Mus musculus

<400> 109	
gactgagagc cettgggtgct accacttctg agcatctggg tgtctctgca gtgttgggggt	60
actactagtgt tgtctgaaga cagctacagt gtactcatat caaatatata aatatttagg	120
ggaaaaaaaa aa	132

<210> 110
<211> 534
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(534)
<223> n = A,T,C or G

<400> 110	
ctgagccttt gcaaagncgg cnttgacaag ttctgcntgg tngccntgcc tgagaaaacc	60
atngacntgc naanaccatc agncnccaaa gngcacgtgc nnnggtgctg tgtaccgaga	120
caccatngcc attcattact ccttcnctcc agatanctnc tntgntttga ncatattacc	180
tggattgtcc aaagatcnnc tacntgctag gtntgatnac anagaganna atcnnnctat	240
acgcttgng nctgaaagnn ctaatccaaa acgggaactc gttggnaatn tntatngtct	300
tgcattgtgt gagatgtaaa gggctagagn ggctggccca gtcgttaagg gcagcntgct	360
ggttctgagg acctgggttt ggttctcggc gccccatga tggnaacagc ttgtaactct	420
acttccanag gacccaaaat catcttntag catnntggca gnancaggca tgcacatggt	480
gncatgcat gcangcanaa acactcatat gcataaaaaca taaataaaaa tgaa	534

<210> 111
<211> 226
<212> DNA
<213> Mus musculus

11-11-61

```
<210> 112
<211> 221
<212> DNA
<213> Mus musculus
```

```
<400> 112
aggcgaatac tggccenttgg gngactggag taaggatagg nnnnccataa ncagttttgc      60
tagtggnatg ctntccttan gncctgtga gcctaacacc agcctctgnc ttgtctcttt    120
ctggatgaga attaagactt ggggtanaga gctggngaga cttgtctcagc nggntgaaaag    180
cacatgactg ctntttcaga ggtcttgagt gtcaattggcc a                221
```

```
<210> 113
<211> 275
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G
```

<400>	113						
attaagattc	ccagctacct	acctggnaaa	ctcataacgg	cccacgccat	gggacattgn		60
acacncnctt	ncgangaacg	tncacatata	gtatacctac	acatacaggt	ncaaaaaatct		120
ataccttagta	naaatagaa	tacaaaaaaaa	ccatttattg	aacacaggag	tggtgctcct		180
ccctgtaatc	ccaaagaatc	atgaaggctg	aagcaggagg	attgatatca	cnagaanagc		240
cnnggctaca	aatgagacct	gcctcaaaaaa	gaaca				275

```
<210> 114
<211> 366
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(366)
<223> n = A,T,C or G
```

<400>	114						
gactgagggga	tgactctccg	gactccgtta	ntctggaagc	netcaataaa	cataagcagt		60
atcttgaaga	tnaatatntg	aaacttagac	angacntgtc	atctgatgta	tgtaccagcc		120
caaaagaaag	ctgaactaga	tgaggaaatg	gttgtgttac	taaaccggag	agatatagcc		180
tgaaaatctg	aaaaaagacc	ggcagtttcg	ccatcaaaga	ctgcagggtta	tttcacacac		240
acttactcca	tggatgaagc	agaacatgag	aatctcattt	caagatgtca	tggagagaat		300
tcggaaaacc	aaagctatct	acggctatga	caacattgtt	gatgagatat	ttgaagatga		360
cccaaa							366

<210> 115
 <211> 109
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(109)
 <223> n = A,T,C or G

<400> 115									
tgggatagg	g	tgccttctgt	ctcctggata	ctgggattgc	atcatactcg	gctttttag			60
nactaaggac	t	ctaaccaag	gacctcattc	atgcaaggaa	aaaaaacat				109

<210> 116
 <211> 413
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(413)
 <223> n = A,T,C or G

<400> 116									
cagaccttct	g	taaatgtata	gnaagactgn	cctcctggga	agcctctacc	taacanctga			60
cntgaaagag	a	tgcnganac	ccacggccaa	acagtgaatg	gagtttgggg	actcttatgg			120
aagggttggg	g	naacaattg	agggctccga	atgggatang	aactttacga	accaataacc			180
aaanaacata	c	tcattgaac	ctaggcctcc	ccacacatat	gtagcanatg	tgacagctcag			240
tgttcttgtg	g	gttccccag	aaattggagt	ggggggctgt	ctntaaagct	gntgtctatt			300
tgtggaatac	a	tccccctaa	ctgagctgcc	ttgtatggct	tcagnnggaa	aggttacacc			360
tagnctcgca	g	gagacttgat	gtgccagggt	tgggggatac	ccaaggaggat	cct			413

<210> 117
 <211> 482
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(482)
 <223> n = A,T,C or G

<400> 117									
ggcctgtcct	c	ttgagacgg	cccctancag	cagcttgant	gagacnagac	ggcagcgaca			60
gctcaaccct	t	gganctgtg	gtcggggacc	cctctggaag	ngttaggaga	nggcttgaaa			120
gcacctgaac	a	ggatggcaa	ccctntaggg	atatatatgg	caacagtatc	aactaacctg			180
gatccctggg	a	gcctcccag	agactaacc	accaaccaa	gagcatacat	gggctgggtc			240
aaggggccca	a	acatatatat	atcggaggac	tgcttggtct	ggcctcaatt	ggagaagatg			300
tacctaatac	a	tgtagagact	tgaggcccca	gggaaggggg	gtgcctgggg	ctgagggagg			360
caccttctca	a	gaggcaaaga	ggatggggaa	tgggatgaag	aacagtggga	gggggactgg			420
gaaggggggc	a	aatatctgga	atgtaaataa	ataaaatgat	ttttaaatag	acaaaaaaaa			480
aa									482

<210> 118
 <211> 547
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(547)
 <223> n = A,T,C or G

<222> .(1)...(571)
 <223> n = A,T,C or G

```
<400> 121
gactgaggcg cctcattgtg agcatgcctt ctgcaacgcn tgcntnacc actggttntc 60
tcagcancan angtnnncng gaaaccagta gctgntgtcn ctatatgcc acgctgnccg 120
accaggacca tngnancatn cgggaccact gttgataaan ctacnnattg cntgtgacan 180
ntcctgctgn tnggttgag gagctgntgg cagncttgac atgctcatgt gccaccttag 240
agactgtgag cncaaccgga agcggcctgt gacctntgaa nagggctgtg nnetggagat 300
gccncaaaga tgaactgcca aaccncagtt gcnttaagca ccctgcgctc cgtggtncan 360
caagcagcag tcgcncattt gcagagctgg agaaagacct tcggcttgaa cacaagcac 420
caggctggca gagcaagaag cgagacattc agcctggctg aaggcggtg tatgccgagc 480
cattcggnag tgtcaacccc aacctttaag aacctgggag gagacaattc gaatacaacg 540
agatccttcg agnngggtga acttccttgc a 571
```

<210> 122
 <211> 562
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(562)
 <223> n = A,T,C or G

```
<400> 122
gactgagggtt ttctctgtgt aggcctggct atcctggact tcctttgtat actagactgg 60
cctccagctc agacttgtgt gcttctgttt cccaagtgtc ggggttaaag aacattaacc 120
aggctcgtatn tgtcggcaat ttcttgagag tcaacaccga ttgctatgcg ggcttctggc 180
gtatgcagcc tggattacct ggtccaaggg gcagcgtgaa agcactgttt tccngagcac 240
gaggngatat tttggagccg ttggagcact cctcgagctg ttgaagatac cctgacttac 300
cgagaggact tcctgaaacc tgccacagag acatctgtgg atttttttgt ttngttttgt 360
taaagagact caaggtttta tgaatcgtgt actactcaaa tcagagcaag aaacaaatgt 420
atttttctaa gacatcaaga taaattctta aaattttgtc taaggacacc ccatnccacc 480
cccgtctagg cagtatgagg atttgctgtt tatagggtat tctcagggca gcgttattaa 540
cccctgaggt gctttggaat cc 562
```

<210> 123
 <211> 560
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(560)
 <223> n = A,T,C or G

```
<400> 123
actgagggag gcttctcacc atactganna aanccaggca aagngcttgc taccgcgacg 60
ccctgagctg naaacctcnc acttccaanc ctctnaggaa cctaccgatg ngttttgccat 120
ggatgttcan gctgaccttn tcacctgcct naggaaccc acagaggaan ncgggtgtga 180
tgagcagcgc ctttantccc agcactggng nggcanaggc acgcnattt ntgagttcga 240
ggccagcctg ntctacagag cttctaacag gacttcttgc tagcctgccg cagaatnacc 300
atcagttcac gtgccatgag cccgcagctc cgcaaaactc tgagatcacc gttaagaacc 360
caaaactgcac tcagtgggat tcnagagctg acagtggctt tgtgcttgca cggcaaacca 420
tagactggnt gggtataaga ggcccggcgg ngggcatggc angggatggg gcagggtacc 480
tngtgnacn actcncatgat atanggccat cttcantcnc aaatgatgag tttagagata 540
tctctaaact tgaaattctt 560
```

<210> 124
 <211> 560
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(560)
 <223> n = A,T,C or G

<400> 124
 actgaggtgt acctggagtg ggaagtgtct actgtgactt gttcatgtca agccagatcc 60
 tgatgttaga aagagatccc agaatgctaa caagttggga attcttgggt ttccaacttg 120
 atgtgaaaca agctctcctc tgaaactgtg ttcaacactg tagagctggc gcacaaaaat 180
 ctggtggtct tgagtcacaa atctcctggg ctttgggaagg cattgatgac ccagcancat 240
 gcnttaggag tgggtggcatg gtgggggctc aggagcccag ggcttctggc ctttggagcc 300
 tgctgtttga ggggtgctaatt tctcctactg ctgccccgcc tactgtctgc ccgcctactg 360
 ctgccccgcc tactgtttgac cctcagctc ttcaattttg gttctnaatc gacttcagac 420
 ctgctntgnt gttttggcag actgatctct caaagaatga anagaanaan cccntccctc 480
 tgtttgtccc tgaagcttat tgtttgcaag ctaatcccc ncgctgtgtt tccctcagat 540
 gnaaccctca caccaaacgg 560

<210> 125
 <211> 560
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(560)
 <223> n = A,T,C or G

<400> 125
 gactgaggtta cctaccatgc cagcagtgcg ctgataatth atgcaagcga aacgcctata 60
 tgcataatat gtccctcgat tgagaagtc tgcctccgag tcttgatccg gggaattttc 120
 tactctgagt gactgggtgg caagacagaa aagggactgc tgccagcttc tgtggagctt 180
 agctctgctt ccctgaaatt ctacgacatg gggaagtggg gtctcctttg ggtccccagc 240
 ctgagagagt cggcttttga cctggactgg ctatgctgcc tctcctggga ggattcgcca 300
 ggaccatgca cgctgcagtc tgtgcccttt ctctaggccg cattctggac acaagagctc 360
 ctcaaaagca ccaaagagtc aagtctgttt tcaggactta catggccttc tcttggcggt 420
 gccgctcttg agtatgggct atgcctcaag gaaggcccaa atgggggtcac tgggtgttag 480
 tgtttgnatg ttattgctgg ttttgggtgac agaattggaga atagatatgc tagtttcctt 540
 tttttccct tgacctttaa 560

<210> 126
 <211> 560
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(560)
 <223> n = A,T,C or G

<400> 126
 tgaggtacca gctctgttct gtggtaagnc ctgcccactg tgaaagccgt tgccacaata 60
 aggaaggata tgaagatgta tgaagaagaa aggataaagc aaagagatga agggagaaac 120
 tcatcatcaa gagacatcag aggaaggagg aggagcaaac tgggccacct ctccactccg 180
 gcatgacagt caggaagttc attcagggaa agagaaccgt caacagtggg aagcagatgg 240
 gagaaaagaa gcccaggcta tacagaaagt tctcagtttg atgtcacaaa tcatcaagga 300
 aatgcaaatg ttcctatcaa ccgcagtggg gctcacacac ctgttaggat ggctgtcact 360
 ttttaaaaat tcctttaaga caagcttcat ggagaaaatg aaaagcctct ttggtgagggc 420
 tgcaaaatgg tggaaaaaga aaagtctaga aaaactagag ctaaaactac catggaatct 480
 gacagtccaa ctcttgatt caaaagcact gaaatcggaa tccctcaaag gcattaatag 540
 ctactcccca gattacttct 560

<210> 127
 <211> 559

<212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(559)
 <223> n = A,T,C or G

<400> 127
 actgagctcc tctgtgctca gcagtgccca gccgcangta cagccagcat gtgaatgang 60
 acacaacttt ccctcaacca ganacccagc tctcttccaa gtgtcaacac ctacagacgt 120
 nagccatgga aacttctcgc tccccttcgc ctgagtttgc cccacagaag ctgacagata 180
 aacctcccct gcttatccat gaagacaact cagcaagaat cgagcgggtg atggacaaca 240
 acaccactgt gaagatgggtg cccataaaaa ttgtgcaactc agaaagccag cccgagaagg 300
 agagtcgtca gagtctcgcg tgcctcagctg agctgcccc actgcccagt gggctggaga 360
 gggaccagat caagacactg agtacatcan agcaatgcta ctcccgttn tngtgnaca 420
 cagcagagga gngngaagct cctcatagag cccgccctcc agagcccnng ccaccagca 480
 cgcctgcacc tctgtcaga gatagctgtt cctcccctcc ctactcaac tatgggaagg 540
 ccaaggagaa aacctatggg 559

<210> 128
 <211> 559
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(559)
 <223> n = A,T,C or G

<400> 128
 gactgaggtc agacgggaac accttgnnt anccaccacc gnagtaccat nttntgctca 60
 tgcttcaccg tgtactggat taccaggggtg cttncctttg ttgcctgaat ggcttgaagc 120
 tcncanagat ggcataagaat cggcgtgttt tgggtagtct ncaggccttt caacagaaag 180
 catgcatgag tgagtcatta atgacacttg cactcaatgn cctgtaggaa cctncaactc 240
 cannancga gatgtgttt gcactgagcc actgtgcaca agtcacacag tgtgccacat 300
 gcacactact aacagacttg ttgcttgcaa gaatctctgc ttcacacacc tttgtgtata 360
 taatgcaagc tttgccaggt cccagngggg gagggactta cagccacgcc tgaccacctg 420
 attacattct tgagtaccca cataatggaa agagggagac agctcctgaa gttgncttct 480
 aatttctaca tgcgngngan gacagatgng tgcacacatg ngcacatgca cacagacaca 540
 cacacacaca cacaggact 559

<210> 129
 <211> 556
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(556)
 <223> n = A,T,C or G

<400> 129
 gactgagacc atctatatatt gccaacactn tangcaaaat acccnganc actgaacaac 60
 tgagcgcagg aggaaaacat ttcattcttc tctctgacag aattacaggg atggaaatgg 120
 agaggagcct gaggaanga cagtccagca atangccan agagnaatcc anntcaaggg 180
 gaggtcctaa ggactgacac tattacatga ggctatggag cactcacaaa aagggaccta 240
 gcatgactgc cctctgaaag acccaacaag cagcctgaaa gagtcagatg cagatatattg 300
 caccagcca atggacaaag ccagggatc ctgtggctga agtaagaaaa gcctggaaga 360
 agctgaggag gagggcnacc ccataggaa accagcagtc tcaactgacc tggatacctg 420
 anatctttca gacactgaac cacaaacag gcagcttttg ccagctttat atgaggcccc 480
 aacatacnta cagcnanagg actgcctgat ctggcctcag tganagaaga agcncctaa 540
 ccctttgaaa gacttg 556

<210> 130
 <211> 555
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(555)
 <223> n = A,T,C or G

<400> 130
 cagactgagg tcatggtaga ggtacgggca caactgcang tctgnaagaa gcgtgtggaa 60
 caagagcttg atcgtgtgat cgctttctgg atggagcatt cccatgacca gnaacacagg 120
 ggncttcttc acatgtgntn cccgtgatgg gaaggatat nancacctt nntannttcn 180
 tctgcagtng nagncaggca tgnannnatn gcctccttat nccgcagntt tgancgcttc 240
 cancgagttg agccttctga atgcagnann accaggnggn gaattttttgc tgcgttatgc 300
 ccggatagaa ccacctgnnn nnaaatgngc ntttgtgctg nctcggnatg gccggccagn 360
 gaaggtgcag nggaccattt tcagcgagtg cttntacacc atggccatga atgaactgcg 420
 ganagtaacg ggggaagtgc gttatcagca gtgaagcct acagatgatg gatcagatca 480
 tccactgggt acgggaggac ccggctgggt tgggccggnc tcagntctca ngggcactgg 540
 ccacagagcc catgg 555

<210> 131
 <211> 553
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(553)
 <223> n = A,T,C or G

<400> 131
 actgagtagc aacatnctca ggacaatctc cctgcaggan tgcaacccaa ggtcaaaaca 60
 aacnctcacc ttcctgcctg agnctcgggc agagcttaat caaacactta ggtgtgttac 120
 ctgcccagtg gtggaccggg cctgtctggc atgccagcac tgggcacctg ggatctctaa 180
 cagccgccc ntcacccatg gctcctgaga gtgcactgtg cctaaccat taagcaacat 240
 ggcttatgct ggacacctgc tctctgcaag tctgaaactg gagtgtataa cagtcccttt 300
 aagcagccct ggctatcctg gaactcagag atctggctcc cttcctgact gtgactccca 360
 catgatggca tgcagatgtg ccttaccgga ctctaaacta caggtctgaa tggagagaca 420
 cagtataag ggaaagccca gcccataagt ggaaagctga gagataggta acaggagac 480
 caggccagcc tcagctcacc tctcctctca ccagccctct cctagtctct tttttaaaga 540
 caaggtttct ctg 553

<210> 132
 <211> 552
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(552)
 <223> n = A,T,C or G

<400> 132
 actgagtgtc cccaaactag ctgganaaag agcttctgct gtctatctgc agattatcta 60
 aaggctggag aacaagattt gtacactgca tctaaacata ggaattttga cccaccctcc 120
 atcaagaaca agcataaacc cagatgtggt ataatcccc acacaagagg ctgagaggca 180
 agaagatcct gagcttgagg tcaaccttgg aaacagagag ttcgaggaaa tcttgggatg 240
 tgtagtgaga cctgtctctg tttcagagac gggctgcata aaactccatg ttcaatcctt 300
 agtgccacct aaactggatg tggagctatg atcccagcat tcaagaagaa aaggtaggaa 360
 gacaagaagt ttaaagtcac cctcaactag atagcaaact tgagaccagc ctgggataca 420
 caagagcctt cccacagaaa gatgacaagg aagagattca tttcatgtga acaaagttaa 480

agtatatttttt tatttgggat tatttggtagg ttaccatatg ttgtggcaca cttgtttttat 540
tcttttaaaaa cc 552

<210> 133
<211> 552
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(552)
<223> n = A,T,C or G

<400> 133
actgaggttg ctctgagtag acaaacagta tcctgtgaag agtgcctcag gaatgtctcc 60
tgtctgtggt gcaatgagaa caaggcgtgt atggactacc cagtgaggaa aatcttgccc 120
cctgcttctc tctgtaaatt gagttccgct cgctggggcg tatgctgggt gaacttcgag 180
gccttgatca tcaccatgtc cggctcctggg gggcctctgt gctcctgggc atcactgtgt 240
gcctgcttgc tacctgcntg ccngncggaa gaagagccng gaagccagac aagagcgatg 300
agcggggccat gagagagcag gaggagagga gagtgcnggc aggaggaaaag gagggcggaa 360
atgaagtcaa gacatgatga aatcaggaaa aaatacnggt ctgttttaaag aacaaancnc 420
cgtatgagaa gttctaaggt ggctggcaca nacttgtggt ggatcgtgca gttccanagt 480
ttcctggnga atgcacctcc ccagcanagc ctgcagagac ctcaccacca tggnnacccc 540
ttgacctggg tg 552

<210> 134
<211> 551
<212> DNA
<213> Mus musculus

<400> 134
gactgaggct ggcactgctg atttggtgaa gatggcagta cttggctctg ctaggcttac 60
agagcaccat gggtcagaac ttcagcctga gatttgactc cctgtcatca agtgaggccc 120
acgtgatgtg gctagggagg gtggcatttg gatccatctt cacttctgat cagaacttca 180
gctccttccc agtaggtcaa gcaggcctgg gctcagaatt cttctcctgt caactctatg 240
tcattgctgt gtgagtcctc aggcagaccc tgaattttca tgggtgtgtca cagtttacct 300
agacagcagt tcactcctgt cctgatggca ccagctcctc ctatggactc ttatgcccat 360
ggccatagga cagcatcgcc ctccatagaga cactgggttg gagaagtaag tcagaatttg 420
tcaagccctg ggacagagct ggcacacagg acacacctgt gttggctctt ggccctttgc 480
ctggcatccg atgggtgctc aggagtgtga cctatgtatc agctgaggat tcatacaacc 540
tcctcgagct t 551

<210> 135
<211> 551
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(551)
<223> n = A,T,C or G

<400> 135
tgacatcgga ttttcaaaca gaactacctc tgtggcanta caacccatt ctttatttag 60
ggaaactttnt ttcagnaagc cntcaacctn gggnaacgan tgctgagcct tccgagaacc 120
ccnaagggag ttacctttca actcantggc acacgagcca cctggggaaa cgaaactgcc 180
ctaacntcan tccgcagaca gagtgcctgc cagaaaggac aagcaganta cagggaagtc 240
aacctgccaa gcntctgcca agacagggtt cagagaattt cntccnttat catcttgttg 300
gaagcatggc agtgtacaga cagataatgc ggaaagagcc gagagttcta cacacatcct 360
gatcctcaag cagcaaagaa gactgtgtgc cacactgggt gtaggctgag ttaggagccc 420
tcagagccca cctccacact gatacccttt cctncaacaa ggccatacct actgcaataa 480
ggccatacct nctgttagtg ctactnccta tgggccaagc attcaaacac atgaatgtat 540
gggggccatt t 551

<210> 136
 <211> 550
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(550)
 <223> n = A,T,C or G

<400> 136
 actgaggggc aacggatcct ctaaacaatt ctacttccca gcttcccttg aagccaggca 60
 agaccaagga gatactgtca aagggatgaa ctgggtagga ctccggggag attctgcact 120
 agggagacaa agtgcattggc tctttctact ttgctgcttc ttgctgagtc cctggaatga 180
 aaacagggttg gggcctggca gccatttttg aaaacgaagc gacattgaag gtgaccacat 240
 gtagagggtta ctactactgg acatctcagg gaggttctct gggnggcaca ggttaccctg 300
 gttctctatt tggaccctta gtctcattat taaaataaat ttaagaatgg actcaaaagg 360
 aagcacaata acaactttta tagagttaa aagaatagct catagccagg ggtgggtgtcc 420
 catgctttga attccagcac tgcagaagca gaggcaggag ggtatctatg agttcaagga 480
 cagcctggtc tgcataagga gatccanaac agtcaggact tcgtggagac acagtgtctc 540
 aaaattttta 550

<210> 137
 <211> 549
 <212> DNA
 <213> Mus musculus

<400> 137
 gactgagagg gagacagcga gaggactgac ctcttactcc aaccatctgc tgaagatgga 60
 gggaaaacca ggcgtttcaa ggcctccctg gacacggaga tgtagatttc aggatgggaa 120
 tgagcccagt gcaatagcaa gaacatctaa aagacaatgc aaggagctta cagccaaaga 180
 gagctcagct ccaagaaaaac actggccaac aacctgaac ctggaaagtg agtttcaaaa 240
 atcatgtttt tctattttta caaatctttt catttgactg aatcatttgt tagagaatgg 300
 tgagacttaa taccataaccg aagcatagcc attagagtca agacaatcaa atagtaagat 360
 attatacaga caataaaatt ggataattgt atgtgtgtat gtatattgca tttcttcaaa 420
 aattgcttac ctctaataa aaataagttt cctttcagta ttatataata ttgtgattct 480
 gtgatatgaa ttttttttaa tctttgaacc atttatccta tttatattca tattatttgt 540
 ttttatttc 549

<210> 138
 <211> 549
 <212> DNA
 <213> Mus musculus

<400> 138
 gactgagaca agcctcacca actatcctgg gcaggcctca gcctcccaag cagctgagat 60
 tgcattgagg gctgctgggc ccagcaggag ctgattctga gtgagttgga aaaagaattc 120
 cactgtagaa tctccacatt ggcaaatgac gtcccaaaag tccagcgcca acctagccaa 180
 gaggaagctt cagaggatgt agatacacac cggagggtcat ttaagtgacc tgctattgaa 240
 agagcaacta caagcttcgt tacaaccag aaatcaggca gaatttagtt cataatcaaa 300
 ctaactcaga aaactgttta taagctccaa atgaaccgat tctctattcg tctctgcccc 360
 gatctcctcc aaaccaatgg caaatgggaa agtgaacaag agtgatggca ttaatttaga 420
 agccacctgg gcagtggagg ggtctactag ttcataagtt caggaaccag tttttatagg 480
 aactgccttg tgccctccgt cctctcctgg agttagtgt tgcacagcgt aacttatgta 540
 atgattgta 549

<210> 139
 <211> 548
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(548)
 <223> n = A,T,C or G

<400> 139
 gactgaggtt ctgactcaac cttggctcct gagcaatgtg tagtaccttc tgtccccccg 60
 gnggtcctct taacaagccc caaaccaggc catttgacgt gattccctcc ctgggtcctt 120
 gacgacggag ccttgtccac cccgctctac tcgagagaag attcatgagg canaaccagg 180
 tgcatganc cntatcggtg aangcaccac atgcacgggt ngngaaggc tgagaaataa 240
 ggntcangct ggggataaaa gtgtctcccc acttcaagcc ggntcccatg gatgcctgtc 300
 agaanttgt atnaaggttg ctggatccgn cacgcttcaa gatggaagta ccangaaaga 360
 ngcaccagcc tgagtaangg tgatgcccg atgtncctgt ntnttactca tttatagata 420
 gaancaactt ttcnattgga ctcagggnga gccacatcag gngctggggc cttanacaaa 480
 accctgtgac caggggaagtc atangcccca gcanggacac aaccgccaca gctgtttaag 540
 tgataata 548

<210> 140
 <211> 547
 <212> DNA
 <213> Mus musculus

<400> 140
 tgaggaagaa gaggagctga ctgctggcag tggcttcagg ggaagcacag gaagggagag 60
 tccactgagg atggggctga gagccttagg aagaaagcgg tctgaccgtg gatgcactgc 120
 tcagctggac cacatctcgt ttgagtttgt gggttccctt agcctgctga acatccatat 180
 cttctctacg gaacatgtac acagggcgtg cacagagtga agaagtgtgc ccttagtggt 240
 tcccgtttga tcagattccc tttgctgaca tgtgacctaa tgacggctac tggttcctac 300
 tctgtcttca gaagaagttg ttccaagggc acttcaagtt ccaggatcag gacctcatcc 360
 tcgactactc cctgtgtgag gtggatgaat tctaatacag aggtctgact ggttgtggtg 420
 actcaggttg ttacacagtc acaagctctt caaggcacca caaggagggc attttctctc 480
 tgcaaagtgt tggggttgaa atgtgaaatg tcattggtac catatttgtt tgaacacttt 540
 atgcgcg 547

<210> 141
 <211> 547
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(547)
 <223> n = A,T,C or G

<400> 141
 gactgagccc ctcttccagg tttccaagna gcctttccag actagaaccc agacatgtga 60
 ttcgctggcc ggacacaaca tttggcgaac cgacgcggga ctgagaaacg gcagaggaca 120
 tttggaagaa acactactgg tttggagctc cgtagaagaa gaaaatagtt aaaggaaatt 180
 catacntgga gaagggctaa gctgaaacag cngtttaacc tgagtgtctaa ttcacttagg 240
 ttcagcagtg aggcacgtca ggagctagga acattaacag gcggttagcc atagctctca 300
 gaagctacat ttttaggtgt gggaaaagaa agggcttatt aaaaggaaat taatgatcag 360
 gcggatggtc acagttaaaa gactgcatca tgggggagga aaatgtccca aaaagcagag 420
 agaaatttca ggagtgccat gctttgttct ctctgggctt tacagcagaa gtactctgcc 480
 ccttttgtgt cttgtctaatt gtctggtgca ccaatctgtt ctctgtgtca attcatgtat 540
 gttcggg 547

<210> 142
 <211> 546
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(546)
 <223> n = A,T,C or G


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gggtgctgagt cagacctcgg atttcagcaa ggagctgctg ggggtgcggct gtggggccgg 120
aggcgcgtctt cctggctggc ccaaggggag tgccctccttc gtcaagctgc acatcaaggt 180
ccctttgtgt gcctgctccc tctgctccac cagagagtgt ctctatatgc tgtccagcca 240
cgacatcgaa cagtgccctg tctatcgaga cctgccagcc agcaggggtgg gggggagccc 300
tgaacctagc caggggggctg gagcccccca agaccctggg ggaacagccc aggcctgtga 360
ggagtacctc agccagatcc acagttgccc caggttgtag gaccgaatgg agaagatgaa 420
ggagattgtg ggctggatgc ccttgatggc tgcccagaaa gatttcttct gggaggcact 480
ggacatgttg cagaggggctg ctggagggggc tggcccagac acctcgactc ccgagagctg 540
a

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<210> 146
<211> 538
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(538)
<223> n = A,T,C or G

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<400> 146
cagaggcacc cgtagctgat cctaaccgtc aatcaaagtc tccactggag aagtttatgg 60
tcangttgtg caatcatcat cagaagcaat tcatccgcgt cctgagttag ctgtacaccg 120
agtcccagcc aggttntgag gacctgcagc ctntggattc caccntgatg gacgtctccg 180
cttgcnattc ggctgtgccc cagctgagcg gcanagagaa tgaaaaggat gattgtctcg 240
aggagagtgc tccctgcctct gtaaagntgt tcttagactc atccggttct cctagctccc 300
tgaatgtgac tgaagaaacc atgaaggaac cacctnctga gacagactct gtagatggga 360
gagacagtgc cgcgagctcg agcgtgtccc agaaagggttc ctctgaacct ccagacgctc 420
agcataacc cagaggttct gcagacagtt ccaccatggg atgcctcggt acactggagc 480
ctttctcttc taactctccc cacagtgtta aaagcttana ggggcataat atatttat 538

```

```

<210> 147
<211> 538
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(538)
<223> n = A,T,C or G

```

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<400> 147
ccttggtgaga atcagtgang ncagactgna acaaagaaga gtctnatnac ntcgnaanga 60
natntcntgn ctntcatcan tgntgtgatg nngnatgcca tgggtttggn nttnatgtat 120
tttccncgng tncgggctgg ttgtcaccgc tgatgacttt ggttattgcc ccgcgngcngc 180
ggatgagggc atcgtagagg ccttcctggc aggaacttgt gaccagcgtg tcaactgctgg 240
ttaacgggca cagccgcaga gagtgcggcg cgagctggcc cgcaggcaca gcattcccac 300
gggtcttcac gccaacctgt ctgagggcg tccgggtggc ccggcccgcc acaacgcctc 360
gtcgtctctc agccccgaag gcttctttct cggcaagatg ggatttcggg aggcttttagc 420
ggctggagac gttgctttgc cccaggtgcg gggaggggaa tagaagctca actcaggccg 480
cttccgggga gttgctgggc aggtccccca cgcacgtgga cggtcaccag cacgtgct 538

```

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<210> 148
<211> 536
<212> DNA
<213> Mus musculus

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```

<220>
<221> misc_feature
<222> (1)...(536)
<223> n = A,T,C or G

```

```

<400> 148

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ttgtatctca	actcttaata	tgggtattgt	aaaatgacta	tgaaattaag	taattttaga	360
accacagaga	acatgtgtta	ctaaagctct	cccacagggg	cacccccaag	caaatcaag	420
gagctaaaaa	agtttcttac	ttctcacacc	cccctgcac	cctccctgc	tccattgcc	480
tgtgtgtgca	ctattcagct	caataaggag	ggacacttgt	catgcaggg		529

<210> 152
 <211> 529
 <212> DNA
 <213> Mus musculus

<400> 152						60
actgagggga	cctcagcccg	gctgagctga	tgatgctgac	tataggagac	gttatcaagc	120
agctgggtga	agctcacgag	caggggaaag	acgtcgatct	aaataagatg	aaaaccaaga	180
cagctgccaa	gtatggcctt	gcgtcccagc	cccgcctggg	ggatatcatc	gctgcagtcc	240
ctcctcacta	tcgaaagatc	ttgattccta	agctaaaggc	gaagcccgtc	aggactgcc	300
gtgggatcgc	tgttgtggct	gtgatgtgca	aacccacag	atgtccacac	atcagtttca	360
cagggaaatat	atgtatatatac	tgccccggag	gacctgactc	cgattttgag	tattcaaccc	420
agtcttacac	gggctatgag	ccaacttcca	tgagagctat	ccgtgctaga	tatgaccctt	480
ttcttcagac	aagacaccgg	atagaacagc	taaagcagct	tggtcacagt	gtggataagg	529
tggagttcat	cgtgatgggt	ggaacgttca	tggcccttcc	agaagagta		

<210> 153
 <211> 527
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(527)
 <223> n = A,T,C or G

<400> 153						60
actgagaaac	agacactcag	aacagannac	cggccggcac	gcacacaaga	ggggatcccc	120
atacctccaa	gtcggttctc	gggtgtgagg	ggtggctcgc	tttcccggcc	aacgcaccaa	180
atgaaagacc	cacaacgtga	ggactcccc	acgttctgac	tcaggagagg	cgacacccca	240
aaatcaccaa	cgagaaaact	ggtcttgttg	caaattgcaa	gaggattttt	attcaagagc	300
actctcgggc	ccacgggtcat	acaccacgca	ggggtagagg	actgtggcgc	cccagtagc	360
tgggtaaggg	ggtattttaa	ggaagaaacc	gaaactcaan	gaantgggga	gggctttgtt	420
ngaagatacc	aaagatacca	gttaagagtt	acaaggaagt	gtaaagttac	nagagtcaca	480
aggaatncct	ggtaatgtt	aactctcaag	acagnttcta	agagccccta	acaatagcac	527
atttgcattg	caggttctgg	taatggccag	ggtgactttc	ttttgaa		

<210> 154
 <211> 526
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(526)
 <223> n = A,T,C or G

<400> 154						60
gaaacttgag	gtgatttgct	tgcanagggt	tgcgctcttta	ngtcccccaa	gctttggagt	120
tcacagaagg	ntttggaagc	caagacctgg	acntacatct	ggtgtaggtc	cacacctttc	180
tccatagagt	gtgggggcag	ttgagccgaa	gatctacgtc	tggaataagc	aagagtagac	240
ccatatcgga	cctctacttc	ctccaccctt	ttccatgtgt	gcaaggagtt	aaatggacac	300
aagatgggga	agccttcagg	tggtaccaag	agctaacagc	tggtgcctg	aaggccctca	360
cctgaagcca	aaccagaaca	cctcagccca	gagtgtcacc	ttctgggggc	tgggcacagt	420
agctatactt	ccttaactct	gacactctag	aagcagagcc	tggcagatct	ctgtgagttc	480
gagggcacct	acattgggtct	gtgtaacaag	taccaggcca	ggcagggcta	cgcagcgaga	526
ccgtgtcccc	ccacccccac	cccccgcccc	gtctcaaaaa	aaaaaa		

<210> 155
 <211> 525
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(525)
 <223> n = A,T,C or G

<400> 155							
gttcgtcatc	catccctgcc	tcagaagang	gcagcntcca	tcgtccaggt	gcntgggggen		60
tgagnganna	ntcccatcng	tcccttcagt	tcnttttccn	taanctggac	ganngnaccc		120
nngacnaten	tctcagngtt	attgtaagct	tctaccacct	aaggagtccg	tcggtgctac		180
ctgctgcctt	tcccagtgca	gggatgggac	tccaggcctt	atacataggg	tctccaaaag		240
actgacactg	gtacttagtg	catacagccc	aaggnaggcc	ctgggctccc	agattctcct		300
acctcagacc	tccacagtag	ctgggaagaa	agaccagtcc	caccaccta	ctgaaatcgc		360
caattccagc	tgagccaggc	atcccaggac	cggttccacg	tctacgactc	tgatggtcac		420
caagnggctg	tagaaccacc	anagacaatc	cacttccttt	tctgtttttt	acattattat		480
ttttggaagg	caggatctca	cagagctnag	atttgcctct	aacac			525

<210> 156
 <211> 523
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(523)
 <223> n = A,T,C or G

<400> 156							
ctctgggctt	gttctgcnct	canggaacgn	cgtgtgcggc	ggaccagang	anagcncagc		60
aggcgccacc	cttgaacaga	tggnaaagaa	acnaactgtg	aangcaaccc	cacagntttc		120
tcatggtcaa	tgagtttctg	aaggagatnn	aggctggggc	tgagcatgca	gcctgatttc		180
cgtgggcaca	gnatcggact	aagaaggcct	tctggaaggc	tagggaaatg	gaaccccaga		240
gncttaagga	atggggcaat	ttcctcacct	ccccctcta	gccanaaaca	gtntgtgcna		300
ttgntaaaga	actnangctc	cgactctgca	aaagagaact	aatgtctaca	gctgagtant		360
agcacaaggg	cccnttgctg	gattctgctt	catttanagt	caattactct	ttgcttctaa		420
gaggaccgca	nctttgaagt	aatatgagaa	catatttaat	cctgccctac	ctgggatacc		480
gatttgtggc	attttgccaa	agtcccaggc	agatgggttc	taa			523

<210> 157
 <211> 522
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(522)
 <223> n = A,T,C or G

<400> 157							
gactgagcag	aggactgctt	ggtctggcct	cagtgaagaa	agatgcatct	aaccctgaag		60
agacttgaag	ccccagggag	tggggatgga	ggtgtggggg	ngctnacatc	ctgtngaata		120
tgtgagctgg	antgnattca	gtctgcttgc	ctgnnnnatt	gactcacaga	cncttccgtg		180
nccaatcctt	aanaggagng	attgtttnt	tncagaggcc	ctatcnnnnt	gntgatncag		240
tattgacata	cnacangnct	gctcatccgt	ggactncant	agagaanatg	catcgtaann		300
aatgangagt	nttgnagncc	cannagngt	ggatggaggt	ganggtgcat	gccatcacat		360
gntctacaaa	gcaggaanga	gcaaaaactn	gctgnnggnt	tgtnatatga	agntggccan		420
catgccggag	tgncgactcn	ggaacaagan	gaggancntn	tttgttgtga	ctaattggtt		480
ctgaaaaaac	cgtttttatt	ccattcacag	acaaaacttt	gg			522

<210> 158
 <211> 521
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(521)
 <223> n = A,T,C or G

<400> 158
 ccaaagtcg ttcagggnna ggaacccaag nctgngntct gctggccgga cacancaaca 60
 gaaactgcng gagganggnn canacttctt ttgttnaggg ganggaantg tntcctgaca 120
 anttacagng anaagngtac ttnggaaggc gnattctana cacagacgtg actaagctgg 180
 gagccttaan accaagagaa gaanggtgca taggagcctc tggatcatga anaccanag 240
 anggtntatg catanagcct ttgcatnctg ctttttgtgn cngtggatgn gancttgag 300
 ttinnctatc catccatggg tactnctatg tcccctgcan atagagnctg gtgaagagag 360
 cccacataa ggcncaaacn aaaggtgact ngctctccacg cagnancttc tcatactctt 420
 tagtgccctc ctaacttttg aacaaaattt gaccaaata tgacctaata gtccaaaata 480
 tttctataca tggattaaac catctgttag tatttactaa a 521

<210> 159
 <211> 513
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(513)
 <223> n = A,T,C or G

<400> 159
 gactgagcgg agaccagtta cacctgnccg cagaaatggg caccttgatt gcagactgcc 60
 tagggaacgg aggacgcacg tgtactgtcc gccccatcgg gtgcgatgca ggttccagcc 120
 gaagatttcc agctccaact ggcacccgga ccacgaattc tgctcgccaat atctacagct 180
 cctctccctc cccgccacgg ggtgtgcagt ctgactccgg ggccccaagg ctctcctgtac 240
 ccgctgatcg gcagggcggg ggtgggggag agccggttct gcagaggact gaaaccggcg 300
 ccctgcccc tcttcttcac cccagtgaag gagggctgta aaattccgga agagagatta 360
 gaggcagggg atgggtgggg gcggtgaatc agtacattcc ttccaacccc tgnntannan 420
 tatagagnta tcacttntng aggnntnnna ncattntnta tagcttnttc tggagagtgg 480
 ttaactgnng tgganncgga catactgagc aaa 513

<210> 160
 <211> 511
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(511)
 <223> n = A,T,C or G

<400> 160
 atcaagtctg tcaagatgtg atttgtcacc aagcagaggc tcacagtcta actcaggact 60
 caaacacccc aagccctgga accagaccca ggaacagtgg ctctccttcc gaaccagcca 120
 agcctctagc tcactcctaa gcaaaagggt ttgtcatgaag ttatctctgc tctgttctgc 180
 aaacccagaa ttctcttata atcctctgccc ctgtccgaca gctcagccc ctccagtttg 240
 tttcctttac attgcagctt cctgagaccc ctccagaccc tcccagttct gtcctgcagc 300
 cagtgaccc tttagttaca gtcccatgag acttgatttt tttttccccc tcatacttta 360
 aaactaaaang gctgtcttaa gncaacagca gagtcaacaa gggngcccca ncnaaancca 420
 gggtttgttg ggcctgnngg aaaggtgcca ccctaatancc aggtcnaaca antcatgggn 480
 accaagccaa gtaagctggc ctcccccaag g 511

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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<400>	161						60
gactgaggca	gcactcaatg	gacaagtgtg	cgagctgctc	actgttttca	tggattggat		120
atcagactgc	cactttagca	aagtggaacc	tgaggaacct	ggtgtagatg	ggggaaagcc		180
accagccaag	ccttcccaga	gaagtgcacat	tcaagagaaa	tgtgtaaagc	tgttgcctat		240
gatgacagag	cagctccagt	ggatgccgct	agtgagcgcc	aaactgcacg	agccgttcgt		300
aaggttttatc	tattgggtctc	tgaggcagct	ggatgccagc	gcacgggnac	tgagtaattg		360
gaangngtnt	taccatnngg	tctntngccc	atgttccaca	naaaaggaga	tangacgttnn		420
gcatacactc	tgatnttttt	ctgtntaana	acaatcttnt	ntgttcaata	ctgtcctaag		480
ggtctgntag	gaattgtatt	cntcttgnag	accaattnat	gtgctcagnc	ttttnaacat		508
aggaacgtac	ccatcttttc	actcacia					

```
<220>  
<221> misc_feature  
<222> (1)...(508)  
<223> n = A,T,C or G
```

```
<210> 163
<211> 505
<212> DNA
<213> Mus musculus
```

[illegible]

<210> 164
 <211> 502
 <212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(502)
 <223> n = A,T,C or G

```
<400> 164
ctcacactga ctaatncctn ttgacagaaa gntcaggtgt acaatagntg ttcancaccac      60
aaggctggat gtctncgtgg gccctcanaa gtatgctgga atcttaagaa gtcgggtcca      120
gtgccagcna aggaatggac tttgntagca aggtgagagc aagcaggcag aaagcagagg      180
cttctccctn cttggctact ctngggtgan aactngactt catctgnaag gaactaaact      240
gcnngactgg aggcgcccct gngagggatn tagnctagcg cttcttcttg ntcttcttna      300
tcannatgcgg ctacgtactn tntcanggg nngctgaatc aaantcaatt cacagcggcg      360
gaagacttgc ttgctgagtt ttatttccgc tttttggaaa tggctgncat tctttaccac      420
tgtctgactt gnaaccttat gtgcagatcn ttttaactcn aactttcngg gcanntcctg      480
gctttccctc cctggactac ac                                     502
```

<210> 165
 <211> 502
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(502)
 <223> n = A,T,C or G

```
<400> 165
gacttgagga gaggatccta gatatccaca gtgtggtctc caggtcactc ngtanctgan      60
tcnacantc caganagatn caagaacggg tcctcgccca atgcanaact gngntgagga      120
tcaacagaga acacacataa ctctgcaaac atccctgggg atacnttggg acagggtgca      180
nttnncgtna cactcttgga aagganaana gcaagnatgt nannaccatc tcaantccnt      240
cnctcaggaa gtgcanangg agtgagggtg nttcattgac tgccgatttt ctggngggggg      300
gggatatgna tgcaaagagc aggcntangg antagtgcac tatctgccaa gctctgctgc      360
aggggaaccg tggctctgag aacatctgca gggctggtcc ctgcactgct gnccccctgg      420
agggntnggn tcactnncat cagnaggnc cctctggggg cantttattc nggaccatct      480
gggngggact ggaggttctc tg                                     502
```

<210> 166
 <211> 500
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(500)
 <223> n = A,T,C or G

```
<400> 166
agactggcct tgcaactcca aaaggcangc angatntctt tgttcgaggc cagnctggcc      60
ttanagnctg gntgggnncg ggcngcgcn atagagaggn gttagnngcng gcctntggnt      120
gcccatatna tctcttcagc gacngggccg atgtcncagg tttccgaanc accgttgctn      180
agctggnatg accaagagaa gcnngacctn ncttgagaaa acttgntact aagaagaggc      240
caactcgunc nggagggccc tatgctngnt gggtgncana gggtatgctg nagcagaccc      300
annttgcnac agtgatcgac tattatactc gatggatgca gaantggcca aagcttcaan      360
acctggccag cgcttccctg gaggaggtga accagctctg gtctggcctg gactactatt      420
ctcgaggccg tcngntacaa gaaggagcta ggaaggtggt aaaggancta gnaggccata      480
tgccacttac agcagatata                                     502
```

<210> 167
 <211> 499
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(499)
 <223> n = A,T,C or G

<400> 167						60
tgagaaggat	ccctcccccc	cccacctccc	ctacggcacn	aacaganntc	nnggtgtggn	120
acggcactgg	ccagancatc	ctgnanactc	aacaccngng	actnctctgc	gacntgggtc	180
cngntacagg	acnttttnagg	actgactttc	ngatggatct	acntccaccg	cggtcntccc	240
gaccttacta	ctattacttg	ccaagtgtga	tnggcgagac	tgcntgcacc	atgcagtaag	300
actcaccggn	tccatcataa	gcgtcaagtt	ttaccatagc	aaagcaagag	cctgtgtggt	360
tntnctccc	gctaatactg	nacaggaaac	atcnnntgtc	tnggactaaa	ggcctgnctt	420
tcctttaaag	gacctattct	ntaatctgag	ttntantaa	ataactgaca	ntcttctana	480
ctnnactnnc	ccctaattac	agacactcan	ttcnattaat	tgaanaataa	actncaaaat	499
cttgaagaac	tagactaag					

<210> 168
 <211> 498
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(498)
 <223> n = A,T,C or G

<400> 168						60
gaactgagcc	ctaggcagag	tngactgntg	agtcctatcc	ccgctntaac	ncnagaccga	120
caggagnngt	ganacgtaan	gactgccccn	acntgttctt	ggaggagaga	tcctcanaag	180
gggagcgctt	gtgccccgcg	cccaaacctc	ccngcaacca	aggccccctt	ggaggggaca	240
gantaaagan	agccctcccn	tgcntntctt	ganacccaaa	aagctgtcag	cagtctacat	300
ccagttcaat	ctgagccatc	tagccggcca	cagggacatc	gccagatgt	gcacctgtat	360
cgactcgagg	aagtatcagc	gggatgcaca	catggccgtg	ttcctgctcc	ttggctgtct	420
agtgtttag	cacacacctg	ggagcaagtg	caggactgct	gctctcctgg	ggtttggtgg	480
gccagctaac	acttgtctcc	ctccctcacc	ccctctgggg	ctggagggtg	gggggggggtc	498
aggtgagggg	ggggcttt					

<210> 169
 <211> 539
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(539)
 <223> n = A,T,C or G

<400> 169						60
tggtgggaag	aactagtctg	cgncgcgtgc	agcagctncg	agtaggggtg	ctgagccgct	120
gctcactcga	gtgctnccaa	gggagagaga	gggcagttct	gctgcctcag	tccttgacc	180
tcctccctg	ccacttctgg	acctctccac	tgccctgcaa	ccaaaataac	atacgacttt	240
atgggtgggc	ntctagatga	ctacntggga	ccctgctctg	tcctgtgcct	caggctttgc	300
acattagatg	ctaaatattc	catttactat	tggtcatggc	aagagagacc	tcatttactt	360
gtttgtttta	agttgatgaa	cgcttttccc	ctccgcttct	ttttaccctt	ttgagataaa	420
atthttgccat	gtagcccaac	tatgctggcc	tgagaccctg	acaattcagt	gctttttttt	480
atacaatccg	tggtgggtgt	gataccatac	acctgtaatc	ccagcacttg	gatatagaag	539
cagggtatatt	tctgngagtt	ggaagccagc	ctgggtgtgta	tataagtttc	aggccagcc	

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<400> 170							
tgagctgtgt	gatgagcaac	atcactcacc	caagnacaaa	gtctctacnt	ctgagagaaa		60
ggnnctgttc	aggccacttt	cacagtttggg	tacagccaac	accagcaaatg	actgcacatc		120
tggcgctgcc	caaggctctct	gttgatttaa	cagctaaggt	tgactgaatc	caactgcgat		180
tttgtaatca	aagccttctc	ctgtaagtta	taatttttca	aacaacaaca	acaacgacgag		240
cagcaaacac	acagacaaac	agacagagat	ccaaaatggt	tacatcaaac	acatgttgcc		300
aatgtgattg	ctgcccgtgt	gtggaaacat	tccctagatc	atgtgaatga	ctgcacttga		360
ggctaaagtt	cttgggaagag	ttctaagaag	ccgacaaatg	gaaagcggaa	aattactcag		420
gaactgctgt	tgggcaacta	caactgntag	gctgtaaaat	aaaccttctt	tcaattcaac		480
caaaaaaaaaa	aaa						493

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<220>  
<221> misc_feature  
<222> (1)...(493)  
<223> n = A,T,C or G
```

<400> 171						
aaccaaggaa	ggcggtggctc	ctgacctgact	gcctatggga	attgctggga	acttccgnnt	60
gcaggcgccg	gcttgcanct	cactcaggcc	gnantccctt	tngtagctgg	tcactctcat	120
gcttctctcca	ccggcgancac	acatgctgga	agancatggt	catgngactg	aagatganga	180
ccggtgaggg	canaaccggc	ctctcgtgga	aagtcatgat	gagctgcnac	ctntgaaatt	240
tccatacttg	gttggatatn	atacttgacc	tcaaaaaaatg	nnntgctgaa	ncanaccgga	300
cagtcacatg	acaancangt	attgactttt	naaaggattg	ntccctctg	cctgctgncc	360
atccatnctc	cnatacgctt	tagggagtgg	ccantcactt	gaagacggca	atanggaggn	420
tgaccacaag	gatgatcgcc	accaaaaaggt	agnaggccat	tatggccgnc	acagtccatg	480
ctcctgtctt	gca					493

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<210> 172
<211> 492
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(492)
<223> n = A,T,C or G
```

<400>	172						
gccaccaagg	gcagtactgt	gtccacccaa	gccacagct	ctccnatntg	aagaactgct		60
ccatantcac	cgtctgtcca	cagngttctc	acanggn tac	attctnctac	canagggttc		120
tcattgcaca	ggcagncang	agtaggccat	ggccccatgg	gaggccaggt	ggnaccctgg		180
gaaggcgcca	tcagactntg	accnnga an	agggggcatg	gcccccgaga	gagcncntng		240
ctgcagatnc	gagncctttt	actnnca tnt	ttatactnga	ncggctacaa	ggctgnaacn		300
gacnaactgt	tgagtgtgng	ggaccatttc	aggaccaggg	gggggagagg	nncattttcca		360
gcttgtatct	ctaggagggc	tagggcctct	atngtcaaag	atngattttc	ccaacactgg		420
acccaaaattt	gnatgaaaac	tttcncntgt	aanaccataa	atagcannta	ttttccagaa		480
aagaattaaa	aa						492

<210> 173
 <211> 491
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(491)
 <223> n = A,T,C or G

<400> 173
 gactgagctt tcgaaaatgt gatcgaccgg ctgaaggagt cctctccttc tggctctaag 60
 tctcagcgat attccagcgt ttntgggtgct tcagtttctg atgaagattt gaaaagaaga 120
 gtagctgagg agctggcatt ggagcaagcc aaaaaggagt cagaacacca gagacgcctt 180
 aagcaagcan gggaccctag aaagagaaag ggctgcagcc aatgagcagc tgaccagagc 240
 tgtccttcgg gaaagaatat ccagtgaaga ggagcgcagc aaggcgaagc atctggctcg 300
 gcagctggaa gagaaagacc gagtgatgcy gaagcaggat gcattctaca aagagcagct 360
 ggccagactg gaggagagga gctcagagtt ctacnaagtc accaccgagg agtatcanaa 420
 agctgctgaa gaggtggaag ccaagntcaa gcgggatgaa natcatccag nctgtgcaga 480
 tctgcagacc a 491

<210> 174
 <211> 488
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(488)
 <223> n = A,T,C or G

<400> 174
 actgaggatg tggagccctc gcctgattga tgggaggaaa agcaagtctc tggggcctgt 60
 ctggggccctt gcctcaggtg tgagtcgaagt gtcgatttga tctgctgtca cctgtccctg 120
 ggaggaagac ctgccattga aaggaagagc tctgcagcag tttgtgttac tggggccagcc 180
 tcccttccat cctctcccgc accaggtcca acacaggccc aggctggatg tctgtccttc 240
 acagtgcctt ctctggccca gagcatgtca atggacgtgt tggcatccct tcccctgccc 300
 ctctaacaga tgcctngngg atcangcctc atctcggntt gccnaagagg ncatcgccca 360
 ntccatanag ttttactgag cagggttaagc tgggtcttga tactcagnnt tccctgcttca 420
 tcctcttgaa tggacatctg ccagcattnc cagaccactc ttcttaggtc atcgatgagc 480
 tgggtgtgg 488

<210> 175
 <211> 485
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(485)
 <223> n = A,T,C or G

<400> 175
 gactgagagg ctgggggagca gcagcatgca gccggaggag ggaacgggct ggctgttgga 60
 gctgctgtcc gaggtgcagc tacaacagta tttcctgagg cttcgagatg acctcaacat 120
 taccctntn natganaccc nngatggagt agaggagtac ctgacaagaa tgtgaccatg 180
 gagcctgnac tgggaactng cggncattgg cctggctctt atgaactggc acctataanc 240
 agncggaagg aggcattcaga nncagaaaag gtgnnaggat nttctntggc agggaccngg 300
 acccaangcc ccgnatgtng anggagacc nngnggcnc caggacttnc ttagtagcct 360
 ggtactcncg tgttgntanc tgatgagnnc ccatacagct ctgttgccaa agtcgtggcc 420
 ccagctatgg atatctgctt cttccagaga aataaagctt gtttctattt tatgttaaaa 480
 aatgg 485

```
<220>  
<221> misc_feature  
<222> (1)...(484)  
<223> n = A,T,C or G
```

<400>	176						
aaaaatccag	tggcacnctg	attcaanctt	ntntttactt	gtngccacag	ncttaaagan		60
gcaannngga	ggatgcntnc	tnanagntgc	tagaanccca	aggatncgtg	ttcaagaccc		120
aagtgacttt	ctntagcccc	tggttctggc	cagggcttag	cagccccttc	aatccacgtg		180
gngnttctnt	ccccgcatgg	ntgctcctta	cggctctgggc	ccattttaca	aatgagaana		240
ctgaggacag	gtactaaaag	cttanatcgg	aagttacctn	atanttgggg	acaaaggnc		300
ctcctgccat	ancctacctt	nnntgngaag	gtcaccatga	ggctcttttc	actccctntg		360
gacgggttcc	cggnggtata	ccacatgggt	cctcccacca	ncctntttnt	cctgctgcc		420
tcgctccagg	ggctcgatga	annaatntga	gtnttctgtg	cngatgaggc	cggcctgggg		480
gccca							484

```
<210> 177
<211> 483
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(483)
<223> n = A,T,C or G
```

<400> 177						
gactgaggaa	gggatggaac	gttcattgta	gacagtgcct	gatctttctct	gacctccctc	60
actctgagct	gaatggggtc	tggagacatt	atctgcacca	ctcagctatc	tacccgacac	120
tcctctggctt	ctttctgcct	tagatggatc	ttttgggctt	cttcagctga	agaaatgatg	180
ggaagagctc	tgaggtactc	acctctactt	gaagcatttg	ggtgttctat	ttgattgcct	240
gttttttcata	cctctgcctc	tctggactgt	gaactcctac	agggngangan	angnaggcac	300
cncnnccnna	cccnnaaacc	agatagctgg	ngggggagcn	cactgntcat	tnantctacn	360
acnccnacng	gnggaanntg	annagcacnn	cccnggcacc	tttttactgg	accacaccat	420
tatttcggcgg	gaatngggtc	ccctcccccct	tccttttcata	actgggggtca	caacaataaa	480
attc						483

<210> 178
<211> 481
<212> DNA
<213> Mus musculus

```
<220>
<221> misc_feature
<222> (1)...(481)
<223> n = A,T,C or G
```

400						178
aacaaagtgt	ggtgcanaga	ctgaaggaan	ngccatccag	anactgcctc	acctgaggat	60
ncatcccata	tantnaccan	accacacac	tattatggat	gncnagntng	tgcagtctga	120
cagganccat	gatataccgt	gtctcctgag	aggccctgcc	agagccctnaa	ctgaagctct	180
gngnnaaac	atngaactga	tcacaggctc	cccaatggag	gagtnanaaa	aaggactgaa	240
ngagttnaag	ggatttgcaa	cccataggaa	gaacaacaat	atcaactcaa	ccantactcc	300
tagggtctaa	tccaccaacc	acattataca	tanaggnacc	catggcttcc	acctgcataa	360
gtancanaan	atggccttgn	caggcatnaa	tagggaagag	agaccctaga	tcctangaag	420
ggctngatgc	cccagtgtnag	ngggaatttc	tnagaacagg	ggaaggtgag	agtgggtgaa	480
t						481

[illegible]

<400>	179						
gactgaggtg	gggtctttca	gtactgcctc	aaaatgtgaa	atactctggc	ctcgaccntc		60
cgagtaaggg	tccaagcagt	gctatgcaga	aactgtgttt	ccctggagca	ggctgaccca		120
gcaggtctaca	aggcgctacg	aaactgctag	ctcaacccca	gcaactcttc	ctgcaacact		180
gcaagaatgt	tcttaagaag	acattcctct	tcagaactgg	aaaagtgaaa	agctgtcacc		240
agccacagac	acacactctg	gagaggggtg	taaaattcga	gagggggacac	atattggaaa		300
tctatgcttt	cctcttaatt	ttgctgggaa	ctcaaacagc	aattttaagtt	tttttttgaa		360
naaagagcta	tgcatatgga	tatagatatg	tagcatttta	acaccagggt	acaagatatt		420
cctggtgtcc	tctgaagatt	ctccattgaa	tataaattaa	accttctgag	taaaaaaaaa		480
a							481

<400> 180						
aactgaggaa	tgaactgcag	tccagaattg	gaaggctcac	ctgtgatcca	gatcttaagg	60
ctggaagaca	caagtttctg	acccggatct	cgacatggat	gaggccataa	tcaggcaaga	120
tagaacacgc	ctttaattcc	tggagactgg	cgcaaggaga	tactgagtt	caaggtcagc	180
ctgggacaaa	gcaagtccca	gagccaggtg	tagtggtaca	cacctttatt	ctggggcata	240
cctttctgctg	gagtcccaaa	taaggtcttt	ggaagaagga	agattactctg	tttttcgcct	300
gcttgcactt	acttgccagc	tcttctgtta	gaatctactt	ctacagaaga	ccagctgaaa	360
caactagcct	cgttgagactg	agcaactatt	agactcttgg	gcttcccatc	ctcaactgac	420
cattgttggg	ttagttggac	tacagactgt	aagtcatcac	aataaattcc	ctcaattcc	479

```
<220>
<221> misc_feature
<222> (1)...(475)
<223> n = A,T,C or G
```

<400>	181						
ctgaggtagt	gcttggtgct	ttnttttcgt	gcccgtcnt	ccatcacgnn	canttcngtc		60
tgatgaccgt	ganangatat	ctccccgggg	ccnnccngc	anctctngct	ggcncctcta		120
ncaagggtgcc	ngatgtnnagg	gtgcgancct	cagcgccctg	ntcccttctt	cctcccaagt		180
gcgctcaganc	accaccantt	caagagggat	gcctcacntt	caaagcnttt	ctntccaggt		240
tcttatatgt	ttaccncttt	cccnacacag	ggctgaaagt	cacagataca	ttctagcttg		300
tttctaggaa	ggcttaaaca	agctttgtgag	tatctcttta	ccttttctgt	gtatgtggaa		360
attagtactc	ttctcagaga	ctctctgaag	gtaactctga	gcttttctga	agaatcttct		420
cttgagctac	tgttcattat	tttgccactt	aatactctgt	ttttaaaaaa	aaaaa		475

```
<220>  
<221> misc_feature
```

<222> (1)...(472)
 <223> n = A,T,C or G

<400> 182
 cgagcctgtc cttgcctttt tgcgtcggtg ggcattgcggc gcggtggacnc tgcaacanan 60
 ancggtccca nncggccttc ncgtgggcag tggcnttgcc angcacctgg ccaaggctgn 120
 cntggacttc gtggtggagg aagancntga aggnccacct cacntgctgg tacatcnana 180
 agtangttaa ggataaccct ctgccacant acctgnagcg cctanagnca tgaccctggc 240
 cactgtgtgc angattgcac cctgtggggc ttctgtgtgg gcctcancca gctnatgtgc 300
 tntcaggaac ctgttnccat ggggacaggc tcagagttat ttttgcaagg acaccngtct 360
 gcagncttca tcnangattc tggggaccag ctgctggttg tggatatgtg aaaagccata 420
 ntgggncnaa gggcnngcc agtngtnaag acccatttcc cacagaggtc ct 472

<210> 183
 <211> 472
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(472)
 <223> n = A,T,C or G

<400> 183
 gactgaggat gtctaacata ttcagaagaa ggcgccccag agtggcctng gacctcangt 60
 cagctgccct cctcnggcag aacgancntt gggctttgga agcctagggt aagcagcttg 120
 ttctgacaac tcttccacaa gaccccatga tcccatcacc actgcaatct gggantggac 180
 taagtgtccc cccccccagg tgagggacta cttgagttan taagggtgct aataagtna 240
 tttnccttta tgcttctcca cacatctgac cgtgtctctg tttttactgn gtaaagctaa 300
 tatgtctagc cctgcactctg agatttaatg gagagagatc aaagaaagaa taaagaaaga 360
 tgaaggtggg gtgctgatga gagaccaaaag gcttatgtaa ggaacagaga acaagatgtt 420
 ggatgtctct aagatgggtca gggagtctat tggaaataaa ctatggaaaag aa 472

<210> 184
 <211> 471
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(471)
 <223> n = A,T,C or G

<400> 184
 gactgaggaa aaaggtgaag gtttgaggan gangaggtag ctttcatctt tgggaaaaat 60
 gaaggnatgg antcncacan aggtatttag cgtactcnat cangncagaa ctacactcat 120
 gangcacgtt cacgtatttn tngtatctgc canantcaag anactgtact tccacaagnn 180
 tctgatngca ttgtacttan tgccttgana tgaggtataa agggcccagc gggtcctttg 240
 taagtccctg ataaacttac tgagtcttta acagtgaaga caagtatttg gattcagtga 300
 ggagccactg ttttagtgtca tgtttttatt gaaacagttt attttctatg ttttatttta 360
 acatatatag ggcctcgtct cagaatcatt tatttgacca ctactggata cctatgttgt 420
 gtcaggcatg ctttttagtaa agggctcatt aatgataaaa ggaaatatga t 471

<210> 185
 <211> 467
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(467)
 <223> n = A,T,C or G

ttggnnagang agagtttgtt agtanagagt gttttgagtt attaaa

466

<210> 189
<211> 462
<212> DNA
<213> Mus musculus

<400> 189
gccacaccaa gtctccttgc acttgtaaag cacgaaatgc agtttgacca ggtatgttcc 60
catggctgag taaacatcac ttctattcat ctccacaaac tctgcatcaa cccaaacgga 120
agctctgtgc tcaactaaaca ctaccttcca ggtctccacc caagcctgtg gtaacttcga 180
cttcgttcac cgtctttgaa ttacaatacc tcatataaag ggagtcctat agcatctaga 240
aaagctagct tttggctcta ggggataaaa gacacaacca cacacctaac ttcttaacca 300
acgcacaagt gcctgtacgc acgcacgcac gcatgcatgc acactctgta ggaagccttc 360
acgtcctgca gtcccagact ctacgtacca tgggtatttg atgaacaatt tttaattggg 420
ccctgacccc ggttaaatac cttttcctaa aagactcaaa gt 462

<210> 190
<211> 460
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(460)
<223> n = A,T,C or G

<400> 190
gactgaggtg gaagaanaag ctttgatgcg ccgcannagc angnntgttc agangtctta 60
ncngtgaacc taagggacaa agcctctctn gttaanttgt ctntttgana gngnccnngg 120
nnntntnttc cttcttttgg ngcctgggng ctnaagagtc atgtantttc tgcattccta 180
atatngatat tactgacttg ttagtctacc taaggatgca tttatttttg tctattaaaa 240
gctaantctt agatgctgtt ttnttgctag ttttaactga tttagngtgg tggnccccga 300
ccccatctt tatcattccc tctatacttg ctttggtatg attacgccat cttagtttta 360
ggaggtgnaa actttgatgg nnggcttgat ctgtctttta aatataagcn cttaaaattg 420
tacattacca caaagtatga gtttacctgc atttcacatt 460

<210> 191
<211> 460
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(460)
<223> n = A,T,C or G

<400> 191
tctaccgccg gacttnanag cacaccgcgc cgggtccccg gcttctgacc cagcggtaag 60
ccccaaagga tccgagaacc ggaggagaaa agcaggtgag ccgcttctta ggcgatcctt 120
gtgcgcaacc ggataagaga tttttgaacc acgcacctcg caggccaatg gagcaggcgg 180
acggagtgcg gacaggcccc caatcaccaa gccacacca ctacacagc caagctcctg 240
gaaacgcaga tgctacgctc caagcgcgcc gccatcttgc gcagccaatc cgcgcctgta 300
ctggacagac tactctcgcg agacttttga cttagcctaa agaaagaagg aactatcgcg 360
atacttgagg acggcgagan atgatctcac acagtcnngg gtgggctctg actctggctg 420
tcgtgaggat gactttgnac tgancctcct gactccattg 460

<210> 192
<211> 454
<212> DNA
<213> Mus musculus

<400> 192

aagcagataa	ctttgagata	ctgacccacg	gtgggagccc	tgccccccac	cccggtgcagg	240
gagaggggtg	gggtggnagc	agggtcctct	tgtagcccca	ggcacacttc	tgggatcagt	300
agtagagcag	cactggtcta	ctggggtagg	tggtcagtg	ccgttgaagt	cctgtggaga	360
gggcttaagt	aaccggggga	aggagtaagg	gtgataccta	tggccatgtg	acctttgcca	420
gggcgatcat	gtgaccaacc	atcaaggttg	ggc			453

<210> 196
 <211> 451
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(451)
 <223> n = A,T,C or G

<400> 196						
ctagcagtgg	gctggnaatg	gaagtnccct	angatggagc	aagctnnnag	tgggtgngag	60
agaanagact	tacnggtagg	cntcgggncn	gcgggactcc	tccggntcag	ctggngacga	120
tcccgtgcgg	ctccccgcgn	gnnccgatnn	tgcnccgaac	ntgtntnncg	nccnggnctt	180
cctccgcttg	gccnanagtc	aagcganaaa	caagaggggg	aggntgacaa	ccaaagggttc	240
ctacaggcta	tgggaagttct	gttgtcaaca	ttggagaaca	cgaaagantc	ttcagactgt	300
acttaatatc	ctaagcattc	tcattgagct	ggtgtcatcg	ggtgagtttt	gattcccttt	360
gatttgggtg	gtatttgtaa	atagtgacca	gaagtgtgtc	ctgtgtacat	catttaaact	420
ttcttgatat	taaaatttgg	gaaatgaaat	g			451

<210> 197
 <211> 449
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(449)
 <223> n = A,T,C or G

<400> 197						
ccattttctga	gacctctttt	tctcctncac	acccatcacg	gggcatcact	gctgggtctgg	60
ttctccttcc	agttttggtc	actggaggtc	tgntctgcanc	cataccctcg	gaatattgcc	120
tgaggntctag	gactaanagt	ttcctctgga	accaaatacgt	tctgcattcn	gntctctgcc	180
tttatcctcc	cagagatgga	ganggangct	aacgtttatn	attntatca	ttttatctcc	240
accccttaac	ctcaagtccc	agcactgaaa	gtctcnaaag	gaaacagaga	cctaggccct	300
ccctcattct	gttaaacac	ccancagctg	ggcacagcct	gagtccttgg	ctccactgng	360
gcgggagtc	tgtatcttgc	atcnnatntg	gtggngnttg	gntttttgna	ttntgtncct	420
ggatangaan	gctcaagttt	ggagttttg				449

<210> 198
 <211> 449
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(449)
 <223> n = A,T,C or G

<400> 198						
acagctcagt	ggctacacag	taggaatccc	tgtctnataa	aaaatgacnc	acgacacann	60
caagnacnnc	taaatactga	gatcatnagc	acaccaancc	tgacaatgca	aganagngan	120
gtccgttcng	cctgangatg	cgtggaagga	aactnacaga	gcnngtttgt	tctgcattat	180
gcgcttatgt	gggnngngng	tatcagtttg	agatatctgt	ggnttaagag	ctttggnatg	240
ctgggtccata	nganccatgt	ttnatctca	ccacnncat	atcagctcac	aaccttntgt	300
tgtctctatt	ccaggagatc	tgacacnttc	tttcggccgc	attcttttng	cctctgaagg	360

cacaaggctt	taantggtgc	acaaatntac	agatntgaac	acgttatgcg	taaaatgnta	420
tttanangtt	gatcttaaca	gaaaaaaaa				449

<210> 199
 <211> 449
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(449)
 <223> n = A,T,C or G

<400> 199						
aagtgtggtt	ctctccccc	tcaaggaaac	ttccctttgc	aacagatgga	gagagacctt	60
acagaaaacc	acaaccaatc	agaatgcaag	gttgtggaac	ccagtcccaa	tgcattgtgtc	120
tacaaaacac	tctagcatct	aaggctcaag	gaacngttgc	agaagagtgg	gagacaagcc	180
tgtaagagcc	agaggaacac	agagtttgc	gtgagntgg	gactcctagt	ggttatanaa	240
tntncacntn	tanggttnga	tgtctntcta	acntgngctn	acnagggacn	gcanttangt	300
tgttttnttt	gangcgngga	tgacctcnag	tgctnagtcn	ctanccatgg	atcttcagnc	360
agtactggac	tgctnatnct	gnnggntagn	ggatttntca	ggaaaaanac	acatntcttg	420
tntatacnat	accatttgtc	ctagacatg				449

<210> 200
 <211> 448
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(448)
 <223> n = A,T,C or G

<400> 200						
gactgaggat	taagaagttt	gtactctctg	tgtggctgag	aagttnttca	cctantgnan	60
nccgggctagg	gtacgggnaa	gcaggtgcnc	tcnnaatcga	gagcgcgnac	tgcagcctac	120
agtnccactt	gcagactcat	ngatgcaact	gtngcggtaa	cnaatgangn	cattagcatc	180
atataaccca	gnctaactng	angtaangta	agagcctctt	gatttagaaa	atagangcgt	240
gaggangaca	ctattnaaga	anggggtcca	gatnatgang	acnntgngag	actctaanga	300
tatccgcctc	actcttatgg	aanaagtatt	gctcctgggg	ctannanata	aagagtgtct	360
ntcttctata	attctgntgg	caatctgaat	tgtccttnaa	acnagaagtt	acaagnggct	420
angggaagaa	atgaagaagt	tattttcc				448

<210> 201
 <211> 447
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(447)
 <223> n = A,T,C or G

<400> 201						
gactgagcta	gtcgaancaa	ccaatgagtc	ctcntgttat	ctaaattcct	tgaagcggtc	60
taatcgggtt	gctcgttaag	aaacactggt	actggaaagg	tttggaagac	anganannga	120
cccaaactcat	taacgaaaga	ngcatatgga	ccanattgtg	acactggcat	cctccccttg	180
nccaaaaaca	aggggacaga	anagaagctg	aagtgcacgc	ccaagtcttc	ctcctgggtc	240
tctttgtgtg	tttttccttt	ngactnatct	gagcatgccc	atggcatcgg	ggttctgtct	300
attncccatc	aggtctactt	ctaaaagcca	gggacacact	ctgnncgcca	ttatctaaca	360
ggcttacatg	gcagtcagta	ggtaagaata	aaagacttcc	tgtnttcctc	angagtgnct	420
ttaggtagct	nactctgcca	acgctgg				447

<210> 202
 <211> 446
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(446)
 <223> n = A,T,C or G

<400> 202
 actgaggtac tatcggggacg tgctgggacta gcagtagcac tccgaatctg ttggagctcc 60
 caggcggttga gtgcatgtga ccaggtcaga tggggcccttt tgtttcagct gacctctagg 120
 cacgtgccta aggagactac atttcccagc ctgccttgca gagatttccc aggacctgnt 180
 ggctttgtct ggccaatggg agggatatga agaaggaaga ggaaggtctt gaaatagaaa 240
 agtcctgggt tgaggaagat aactcaaacg gaaagctaac ccatgctaac cgaaactttt 300
 tgnaaggatg ccttttgaag ccggccatgt ggctcctgcc ttgctgggca cctgcaaate 360
 tnaggctatc ctgggctaca cagngagact gtgttccaat ctcagttctg ttgctgctat 420
 taaaatactg actaaaagca aaaaaa 446

<210> 203
 <211> 441
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(441)
 <223> n = A,T,C or G

<400> 203
 agggcatagc ctgtggganga cgtctcagag cnnatgggca ggagagcacn attngtacat 60
 ccaggnatnn gcntnnnant tncatnngcn cntentgang annnnctacg ncngatnacc 120
 tncagactca tnatgtacag actgtgacat gagaactgaa cgtcannccc attagttggn 180
 ggnntnnatc acctngcttn tgcatgacaa gaaatatatg gtgaccatta ttgctcgcac 240
 gcctcagaag agaggcatan taaatgtgcc cgtcgggagt gaaaggcaga gccacattct 300
 aaatcaagta ggcatcctata ttcttcaaca agcctgaaga gatcctacgg gggttcaactg 360
 tgactcaact gtgaaatgga cagcgaaatg aacgtcggcc cattattgtg gggtttaate 420
 agtacatttt gcaaagaaaa a 441

<210> 204
 <211> 440
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(440)
 <223> n = A,T,C or G

<400> 204
 acacaggtac tccagaggct ggtgaacctg agcggaggct gggacgcctt ggtgggcccc 60
 gggccctgna aggcangncc cggnggctgg tgncccaaaa tgangccagc tcccagcatg 120
 ccctgcaanc gnacaccagc cactcgggnt gcaccaacng tgataacca ttcatcttc 180
 angcatccaa caaggagcct gggantggga ccatgcanag gagccctcc actgntcatg 240
 ctgaggtccc aatcctacag acacagatgg tgtcggacgg catgacaggc agcaattcct 300
 gagtctctntg cctcatctag ttctccanaa tctagnggg caggnggnnt ntcccnncan 360
 nntatangnt cangattccc tnactggang gaccttcagg cccacnaaga ngggcnccca 420
 cagctttctc tggagggggt 440

<210> 205
 <211> 440
 <212> DNA

[illegible]

```
<221> misc feature
```

<223> n = A, T, C or G

ggtatagaat	gctcgngcc	tcccaaanga	cagagctgct	cgcagatgcc	cagacttgat	60
ctgaccctta	ctgaaccaca	ncaactggat	gtgggngtag	cttcnaagct	ccgggtccac	120
acngnncctt	ganngggtng	tggntacaan	naggaaaagg	cgtcngnana	taagncaccg	180
tgctcctgtc	tgctaagagc	aggacaccag	ggtggcatga	tccagnnct	gggctccatc	240
cagtgactta	aaagaacaac	tggtagatcc	aagaggggaa	ttttctcatc	tccaggactg	300
ggaaggatga	agacaatgca	tttgttattt	tctgcctca	gggaggacat	gtnttcacga	360
gtgtgggaag	gaaactcaaa	tgcattgtga	atttgtgaatt	aatcaataac	atccttctgg	420
gngttcacac	caaaaaaaaa					440

<211> 439

<213> Mus musculus

<221> misc feature

$\langle 223 \rangle$ n = A, T, C or G

gcatggttgg	tcccatngca	acactgaang	acactgnngn	gctnacantg	ntgccaccag	60
ggccttttagc	tttgaanctc	tcagcctcca	naggtgccta	tatcanncag	atnggctctg	120
aacagtagat	gcagattgan	gcgtggncn	naactcctgn	ngacatctcc	caagacttgg	180
ccttatatgt	gtgtgccacc	atgcntggaa	ttcctaccat	gtaaagttta	aaactcacca	240
ccagagcctt	ctcagactcc	acaatatattc	actcccgatt	ccgctgggtg	atgtagctat	300
aagaatcctg	tgnngnggaa	atgaaaacnc	nntgagaagn	ttattctgtg	tgacggggaa	360
gactgncaac	ttncttagat	ctgaatnnca	tagaagacaa	gcnttctagg	tatgcttgat	420
gaatgggata	ttctggact					439

<211> 436

<213> Mus musculus

```
<221> misc feature
```

$\langle 223 \rangle$ n = A, T, C or G

gactgagggt	cggagcttca	ccatgggctg	ngcaggggat	gcgggctgna	cncctcgtcc	60
gcctatacgg	cctcggcccg	cgtncgagcg	tcgtgtgatg	atcgtgctct	tcctcnnnct	120
gctactncac	ctcctggcgn	tcacgttgnt	gctgcctctg	ctgcctggnc	tgtctggagag	180
acacaggccg	ctgaacaaga	ccncctctat	ggctnctggc	ngcggggggg	ngactggtgt	240
gctgcagcca	tngggatgcc	agcggaaaaa	aggtacaaca	gngncctgtt	nggagggnctt	300
atcnnctcgg	ccttctccct	cctgcagttc	ttctccgcac	cactcacagg	agctgcctct	360
gattacctgg	ggaggcgccc	agngatgatg	ntgtccctga	cagggcncga	cnatcttcta	420
tgcagagggg	gctacc					436

$\langle 211 \rangle$ 431

<213> Mus musculus

 $\langle 220 \rangle$

<221> misc_feature
 <222> (1)...(431)
 <223> n = A,T,C or G

<400> 208
 gactgagggga ccagtagnct acaacccctg aacatgccct gntgggtgaag atcatgcttg 60
 ccccatggac ttcaacaccc tcacacagca ggaagtagtt taatgataat gtcctctttc 120
 ctgactcctg attagttatc aatactaaac ataaaaggga agaaagcagg gaaaagggcc 180
 aaaggagggga cagcctgccca ctggcnttga gcctggctct tgagaccagg caatcccctt 240
 ccataggatt cagcattaac agcagaacga tgctcaggac agctctggac ttttccacct 300
 ttccatgcnt cacctgtgca tggtcctaaa acctataaga gcctttcctt cagcgagccc 360
 tctgctgtag ctgttctcac tgagacagcc gccattctgt gtctctctcc aataaatctc 420
 atgtgaagtt t 431

<210> 209
 <211> 430
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(430)
 <223> n = A,T,C or G

<400> 209
 agggcaggac tgaatgttca ggatggacaa gaccagtngc tactccttat ggagcctgtc 60
 acntcacacc ntngaggaag anaccaggag ggctatthttg ggcagtnnta agatgctcct 120
 nggactgagt aagtctctct tntagacaag acatggggga aaaaatagct tctngggggg 180
 atgcaagagt gaaagtctcc anatttggag atcactggag aacattcaan ncatctcnac 240
 agntggcatc ctgtgggnag tgcttgccca aacgcttaag gaanagcttg ggtttcatcc 300
 ccggccctag agaagacagt gnnnganacg aaganggctt tgagtancct acantgtgta 360
 aaacanagaa ggcntttnta cangctaaac aaaccatgaa accncgaanc ctcacaccct 420
 cgttactatc 430

<210> 210
 <211> 425
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(425)
 <223> n = A,T,C or G

<400> 210
 actgagtgtt cctcttcaag ancctccacn tgctttccnt gtgtgcttga gcaagattct 60
 ccccgggcaa acccccggtt cggaanaccn nccccgagcn tgntggggtn tgcnactcga 120
 tcccgcctngg gctttgtacg cnnccgtcag gggtnantct gttnttggn nncactnttt 180
 nncntntgga acnnctgca ggnnnncant ggcagcctcc gttgttaagc gtaccnnttc 240
 ctaagggtgcy taaggcctcg gggttgatcc ccgacaccac atcctctagg tgtggnggtg 300
 taaccctgta attccaggac tcaagaggtg aaagcggaaa gattcaaant tcaaggtcat 360
 atttggttgc acagcaagtt caaggccagc ttgaaatatt tgaggccatg tcaaaaatga 420
 aaaaa 425

<210> 211
 <211> 425
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(425)
 <223> n = A,T,C or G

catcaccagg	attaaatcgc	ctccccctgg	aggcgctaaa	agccatgctt	agtaagaggg	180
atgtgtttt	acagcagaca	gcaggagggg	acaagagtga	gaggaaagag	aaaaatcttg	240
ggcaggtta	atggctcaac	aagtaaaggg	gcttgccagc	aagcctgacg	acatgagttc	300
gattcccata	gtagacagaa	tctattttctg	tgagctgtcc	tctgatcccc	ctcatgaatg	360
ctgtggcatg	tgcacacaca	tacagatata	cacaataaaa	ccaataaat	gtaaaaaaaa	420
aaa						423

<210> 215
 <211> 420
 <212> DNA
 <213> Mus musculus

<400> 215						
gactgagaag	ggttttctcg	tgtagccctg	gctgtcccag	aactcaatct	gtacaacaga	60
ccggccttca	actcaagaga	tccaagtgcc	tctgcctcca	gtgcgcatgc	acatacaggg	120
atgtgtatat	ggaggtcgaa	ggacaacttc	agggcttcat	cagccttcta	ccctcagctc	180
tgcctctgac	tggctagtgc	taaagctaag	ctcaccgtcc	atttcttgtg	cctgtgatgg	240
cagcttgctc	tccacgccct	gttcactcac	tagggactgc	agggtgaagg	cagcatcctg	300
cacatctgga	cgcgtgatcg	gtctgcattg	agcttcatcc	cctacccagt	ttatcaggag	360
ctttccccc	caccagcccc	gcctgtgtta	taaaattctt	tcttgccca	aaaaaaaaa	420

<210> 216
 <211> 419
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(419)
 <223> n = A,T,C or G

<400> 216						
catggccggt	tcgggggtgga	cncnctgcac	ggccggcggc	gctctgggcn	tgtnaccnac	60
ncngcnggcc	tgaangcctt	gcangnggtc	attcgcnegc	gaacngtntg	ttcncacatn	120
ctctgaaata	catgccatgc	tttgtgccct	gcgtgcntgc	cagcctggca	ttcagggcnt	180
ccttgccacac	attgntncat	tgactccanc	cactngcnnn	ctgttnccca	agtgggtaat	240
ntgaanagaa	ttacttacac	tgctttaatc	gtgtatccaa	nacctaagg	ttctgagtan	300
catcctaacc	ttgnttaaat	catcttctaa	ctggactaca	tactgattgt	tcacaccaga	360
gagaaaagctt	ttaacaacaa	caacaataaa	atgtgtacag	tggtttgtaa	aaaaaaaaa	419

<210> 217
 <211> 419
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(419)
 <223> n = A,T,C or G

<400> 217						
agactgagtg	atggtggcaa	ngtgctatga	anagcggtca	ggactangaa	caagcccatn	60
cctgtccttg	gctgcaggct	gagagcgcaa	actgcggctg	agttctgaga	ccctgtgatc	120
cctctaccgc	caatcctgaa	gtaccagaag	ccntgncata	ccacgaagct	ggancgcctn	180
atccgatgac	tgcttcaacc	cccagcctgc	ttncctgctac	ctgttggtgc	ncanagttn	240
tggttctgaat	gactnantt	cctaactggc	ccttatcttg	atacgtgcag	gtgaagatga	300
caggncctgn	ccangggaca	gttgnaagg	cctaacaggc	tccttgggag	aaatcctgta	360
ncctgtgcgg	nccgtggtag	gggacacttc	ataagcgttg	natctttctg	tgcttgatc	419

<210> 218
 <211> 415
 <212> DNA
 <213> Mus musculus

THE **WORLD'S** **GREATEST**

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<210> 219
<211> 414
<212> DNA
<213> Mus musculus
```

<400>	219					
aggtcggaca	gtaagcacng	ctgggtccan	aacgcantan	ngaaaatctn	acgaggcgng	60
cagnctnctc	cagcctgctt	gnnggatnata	tcnancagnt	ntaagagnnn	nntcagacgt	120
cccaacactg	gctactcntc	caggactnnc	tgncccancc	agcgggccat	atctctacgg	180
ggatcncnng	cnnatnatgt	atgntctgna	tgnacttcca	gcgcttttcn	cacaacgaga	240
gtaccacagc	ctaagtctgc	ggccagcggt	gtgaacaggg	tgaagacgg	aggtgcctaa	300
natgcccagg	ccagcgagca	ncttccttcc	gacctgctg	gcaatgtacc	caccgggaa	360
tctgngtgac	natgtagccg	taaaaaaaga	gccgagaatc	cacccttgag	tttt	414

```
<210> 220
<211> 412
<212> DNA
<213> Mus musculus
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```
<220>  
<221> misc_feature  
<222> (1)...(412)  
<223> n = A,T,C or G
```

<400>	220					
ctttgtgtgg	tgaggaagcc	gntgcctact	nccgntacga	naaccngtgg	tgcccatgat	60
cggntgnann	atgcaggcnn	tgacagttna	ggctgcatcn	tcccttgaaa	tcangatcag	120
gaagaagact	gnccngnatt	ganttgatct	gntcctggat	tnttcacatt	antccgang	180
ncatcatgag	ccaggactgn	tngacncact	gganagaagc	atgattccgt	gtgccctgng	240
ncagtnnagt	gtccagcatc	ctgacccatg	aatcaaagac	tactgtctnn	tttgccctga	300
ctcacanagt	ctgaacctga	cccttcagcta	acctcacaca	gaacaggaga	ttatacctaa	360
aggaatgaaa	agaaagctga	ttcctggaag	catggntgaa	gtacctatgg	gc	412

```
<210> 221
<211> 411
<212> DNA
<213> Mus musculus
```

```
<220>  
<221> misc_feature  
<222> (1)...(411)  
<223> n = A,T,C or G
```

65

tcaccaagcc	ttccaagcac	attctagtag	aagtgcagat	tncatgttca	agacccttag	60
tgcttacagg	gtgtacctca	gtgcttanaa	cttgtgctta	gtatgtacaa	ggtcctagt	120
gaatacctag	cacctctccc	acaaagagct	tctattaggg	caggagagag	atactgagcc	180
aatagtgtc	taaagagaca	catgcttaca	agttattgtc	ggggtcagcg	aaagcatata	240
gaacacgggg	aatctcattt	aattaaaaga	caacgaaagg	cctccttcgg	gaagtaatat	300
ttaactggac	tctggcaa	gagttggagg	cgaagaaaag	ggaggagaag	catttcggaa	360
atggaacata	gaaaagagag	agaaaggtac	agggctggac	ttccaaaagc	t	411

<210> 222
 <211> 409
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

<400> 222						
catcaaccac	aaagccangg	agaangatac	angattacag	gtaagcctcc	caggtgcgtg	60
aaacaatgtg	tggagtgtgg	caggagaaa	gacaccaggc	cggccaacca	gagatggcac	120
cagcaagacg	ctccctgcac	atcagtcaag	aggctgttta	actgggcacc	acaacacctg	180
catgaaagag	agaagaaaat	gaagcctggg	caacaggaaa	gatagctcag	cgctgggtta	240
agagcacctg	ctaactcttc	agnagacctg	agttcaattc	ccagcaacct	catgggtgctc	300
acaaccatcc	ctaataagtt	ctgatgcctt	cttctggcag	gcagttgtac	atgcagatag	360
agcactcata	tacataaaa	aaaccaataa	atcaaaagag	gaagaggaa		409

<210> 223
 <211> 409
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

<400> 223						
gactgagggt	ttctctgtgt	acactgneta	tcttggaa	cattctgtag	accatactgg	60
ncttgaattc	acagatatct	tggtgnnagc	tnttaagaca	ncantattgn	cctgatctct	120
gaattgngcc	tccccacccc	caggaatgan	aagagggtna	aaagcggacc	accancncac	180
ctgcctngna	naacaaccac	angttgttcc	ngccctaant	cagagccaga	tgtntctganc	240
acaccctgat	accgncaagt	ncctgcttnc	ccatggaa	gnttaaagaa	tgtgctnttn	300
tattggcgga	cccctgccgc	tgataagtac	ctgtacttcc	ccttttgctt	gtgcatttaa	360
accttggggc	ctggctaata	cagtgggaacc	ttgatgttaa	aaaaaaaa		409

<210> 224
 <211> 408
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(408)
 <223> n = A,T,C or G

<400> 224						
cctttctact	gggaccagag	attatgcggn	ggnaatcntn	naccctnecn	cttccttctt	60
annatgaaga	cacggcaant	aaaatcnngn	gcctngatcc	gagagaaaaa	ngaccnaatn	120
aaggaatata	tacgggcgtg	gatctgaacc	ctganacaag	gagngccatt	tgntactgga	180
ttggtgtttg	atgnacnact	aaatgacttc	cattgncttt	aggangacan	aganggtnaa	240
agntggcacc	ttcaaatgat	ccccaaacta	gaacatttcc	acaagtgcc	ctttcttctc	300
acaaacaaga	gtgaattttt	gctgcttcta	gcctgtagcc	tggaagnagg	tgatttaggg	360

agatgggggat cattcttgaa agatttctct gntaagccaa taaacagt

408

<210> 225
<211> 407
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 225
ctgagggttt actttgngtg ggatctgccg tgtgacttgc ntntacggcc agttggaagt 60
atacgggtcat atcatcannc aagggcagcc tccccaaagt gtcttttctg tctacaccca 120
ctcttacctg accatcaatg gggttcctgt acgcagaacc cgagaaaagt gagaaggctg 180
atcaggagggg agatcctggg ccctgctcaa gccttacacg aaactagatg acagaaanng 240
ggtaggtgcgg nacttccctc ctctgggctc cattatgatt cttggaacgg atgcagtctc 300
gttttgngga ctctctgaag acctataagt gctcctcata cgtgctcctg caggagaacg 360
ctcctgttcg ggtcaattct gagtttacaa ntttgaagaa aattggc 407

<210> 226
<211> 405
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

<400> 226
atcccaccaa ccacatggag gctcataacc acccggaatg anatctgacg ccctcttntg 60
gtctanagag aagccacttg ngtccttccg aggcagccca tccanagaaa tcaaggagat 120
ggcatacana cttcaaactt acnagggagg gtaaagggtg ggcagtttcc taggatggcn 180
ctgctctnng gtgacgccag gntanangct tctttcaagn atgnntngnt gntctgtgnt 240
ccattgggna ancactnana cggcttctag aatgttctga tctganagc acagatttcc 300
nggangtaga gtncacactt ttatggacct gggctcccca gaacaaaaga cgctnttgca 360
aaaattgtga ttcatgtgag aagcaanatt ttcagtgttg taata 405

<210> 227
<211> 405
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

<400> 227
tcacccctct ttctaccag agtnactgct gtggccggcg ccattttatg cgntttgtca 60
naaccggntc gcgctncaag gaggaggacc tgcaggttat ccatgcagnc ttgtgnngag 120
atngtgaanc ttgttcatng naaangnggg ngggggaggc cacagatcag cgagatccgc 180
tcantnttgt agcagtacag gtaagggtgnt ggaatgagac atnattaann aangatggct 240
ttngncacat agaggacatn anggccgctg aggatgcctc acgcaacctg cancantaca 300
agcatgctcg gagngaacat nacngcgaa gccagcacg aatntnagcn angcttcaac 360
cangnnacac gggggcaaac ttcaggcccc acttgtacca accaa 405

<210> 228
<211> 404
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 228
 gactgagggtc tgggataaga ggctgcttcc cagcaggngg ttatgattng cctcatgcac 60
 tancaggggg tgattttgnc agctgcagat aattgaattg tggggcctnt ggagagggat 120
 naaangggag agcttcaaga ggtccatgtg gcatgcgtgc atcctgctcc tgctgttgct 180
 tctcttgcct gnggtttgnc accgtgggna tgagtaaagc nactacatga aattggagac 240
 ngcctgaact aaaatngcac ttgccnaaan gnacctgann cccctnnatc aacaggaagt 300
 antctaaagt gttcanacac acccttaagc acggantgtg tntgggtggct gcggacnctg 360
 ggggctgttg ggnaggggtt ngggnctagc gctgggttg cccg 404

<210> 229
 <211> 404
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 229
 atgccaacg aggacatcga cgtgagcanc ctggagcggc tggagangta cgggagcttc 60
 gagcgggtanc gccgccgggc ggagcatgag gcgcgcgccc cgcacntggt ggcagganct 120
 ancggganca tttcgtgaag gananagntg cgggtancnan gtattntccn ccagtttggt 180
 ccccntggnc cccccgnaac gagaaggacc tgcatgcccc tcacacttnt ngttctgaat 240
 ttaagcaaac gtccaagtga tatacncata gcttaatctg tctgtaaaac tgaaactcag 300
 ccggatggtg gaggcccacg cacttaatcg cagcgtttag gaggcagagg aaaacggagc 360
 tcttgactta ggggctagcc taatctacac cgtgagtttt aaga 404

<210> 230
 <211> 404
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 230
 actgagtctt gcctccagca tctccatcct ccantcccna tgccagtagt gatctgaaac 60
 gcacatatga tcttgccact cccctgctta aaacccacca acatgcaatg gttctgtaac 120
 cccaggntag cctntgacaa ggnetgaaag cacaagcca ggcttttgat ctcaggnaga 180
 aggatccttt nccttctcgc ttgggttcca cctgcaccct tngacttccg nnggaaactg 240
 ctgnccgata cgctaccttg cccacaccct ggacatctct gctctntctg gcccttttct 300
 cagccctccc cacagnctgg gccctggccg ttctgtgag ccgtcttttc agctttncct 360
 gggccttagc tcttctcact gtacttttta ttttttattt ttaa 404

<210> 231
 <211> 404
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 231

aacccttttc tccccaagtt gcttatatta aaaacaaaaa a

401

<210> 235
<211> 398
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 235							
gactgaggac	ctacccagga	gagacccttc	ccaatgccac	cttntgcctn	atccctgggc		60
accgatctgc	cacctcctgc	tttctccaag	cccttcaggg	gggctgatgg	tggccngngg		120
tgggtggacga	atgtgagcaa	gcnetgngct	nccccaatga	cngcnetgcc	cnnaggccg		180
gttggatncc	ngtgcctcctc	anccnccgct	gnnagctgcc	tttctctgaa	ggcatccgnc		240
tggaccaagg	cagnnatga	ttgnetgatg	agagattccc	actgcacnan	cctggctgcc		300
ctgcgtgaaa	tgntaccttt	aagggtcctc	nnnetgcgcc	ngcagannca	gnttctgtgg		360
accgnttact	tcctntgggg	ggaaaaagat	atccatac				398

<210> 236
<211> 397
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(397)
<223> n = A,T,C or G

<400> 236							
cttatagtca	aggagnttan	ctcaccacc	tgccagagcg	ancnetgttc	ngtccctggtn		60
attacagctn	antgttaagg	cccttgngng	ccacanaaac	cctccagcat	tctgaggacc		120
agcgagcgac	aggctcagtt	cagggaaaca	cgggtctcaca	cggagcccag	atgacgggca		180
cgaaattgag	tgtctttgct	cgactccaga	agtgggggtct	gaaaagagga	cgaggggcat		240
agcatacaga	agggggccctt	gtcttccagg	gcatcaagac	agtgtgtgat	ccttccacaa		300
cctagctcct	tacgacagca	ggcccagcaa	cacagaagac	agttaccgcc	gccgccattt		360
aactaataac	ccttctttca	aaaggaaaga	aaaaaaa				397

<210> 237
<211> 396
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 237							
agctctacac	atccctgtag	gggccngntt	agtnacaganc	caagggtnaa	gagctattgt		60
ctttctanaa	agccatagaa	gaaactcaga	gaaancgtgt	gtggctcaga	agacanctgt		120
gatgcattnn	aatgagagcn	gggncagaaa	aaggcagggtg	aaggctccnt	gatctgtcan		180
acgggaggttt	gaagaacaac	cctgtcattg	cagtgggtcat	gngtctccat	cctctgcttg		240
ntnctctttc	ttcttttctt	ttctttcttc	ttccttctct	ctttctttct	tttctttttt		300
ctttctttct	ttttttccct	agactggctn	tgaactctcg	gagctttgcc	tgctcttgcc		360
tcccaagtg	tggccttaaa	ggtgtgtgcc	acaact				396

<210> 238
<211> 395
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(395)
 <223> n = A,T,C or G

 <400> 238
 tttcctggct gaccctgana ataancanct ctgtccgctt ggtgnctgaa gttggtnгаа 60
 gatgattacg aggagannta acaccaaagc cctgagcaat gctttgcaga cgtctanngg 120
 ctcaggangt gtgatntagc ccaggtctat ttgtngacat caagcttttg aaagcatcan 180
 cctttgagag ngggacatta ttgnagncta tggagtcacn tttacctgga gatatnagaa 240
 ggggtcatgaa ccttttcgnc ggctgtcatn gggatctgna ttantcattn accatcanca 300
 gcagcaanga gacangattt ngtgntggga aaggggacctt ccaantgctt ccgnggggac 360
 anaaggggca ncaagctctt gcccccaggg atcat 395

<210> 239
 <211> 393
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(393)
 <223> n = A,T,C or G

 <400> 239
 gactgaggct ttcattcccag gtactccggc agcagtagag gatcaacagc ataaggccag 60
 gctgtgctgc ccaggggagag tctgtcctaa gaaagactga aatccccaca atcctctgca 120
 gtactcctgt ttgccccaaг caactttcca cgcattggggc tggcaagctt gggcgtgtga 180
 gatgactttt tgggtaaaag gtacttgcaa tcaagccaga tgacctgagt ttgaactccc 240
 acagatngtg tcctccgacc tctacagnaa caggcnctga gctactggcc ctttaagagt 300
 gcacttnttn cccnccgtgc tgtntggntg ggcnggtcga tgctgacact atgcttgacg 360
 tcaatagcng ttggtggagt ttggtcacga gga 393

<210> 240
 <211> 391
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

 <400> 240
 gactgaggct ggactcttct atgaaaagta acgtcaatat acaagtgaag tctgtttcgt 60
 gtattccaaa tggcntctgt ggtgagcnga gaaaaggctc cantacaaan acngcncaaa 120
 ggccttccng gntccgctga gcattttgaa gcatgagcca gagaaacagc ccttnggact 180
 ttgatttggt cttttcgna cncacagggt gagagtgggc ggntgacatt tcgtagatat 240
 ttttgnatcg ttttacagtt ctccgcttta aatgagggat aaatctgaag aagttgcatg 300
 caacccaaat tgtgggggtt gaaatatctt catggagctg gctgaataaa gggggcaagc 360
 aagtgttggt tcttaccgtc aaaaaaaaaa a 391

<210> 241
 <211> 391
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

<400> 241

385

```
<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G
```

<400>	245						
gactgaggat	gacagcgatg	ggatccccgag	gctcaggaag	agagagttgt	acnanaagtn		60
cngaantntg	nnnctaaagg	aatncaagaa	tgccctggat	anngnnntat	nnnganngcc		120
ttgcctgana	gccngnatcg	cgggcccgag	ggcttnattg	gtantagccc	aggctaaggn		180
anctatgacc	agcctcagag	nagtnatcag	aacngccacn	angaaagang	acgangtttg		240
natagttcct	tccatccccat	tctttccctc	ttcattttta	agaaaggact	ctgggggtttt		300
tactctgtta	cctgtttcaat	gacagagcct	tctaaggaca	ttccaagaca	gtaaagatcc		360
taaactcgga	aaaaaaaaaa						380

```
<220>
<221> misc_feature
<222> (1)...(377)
<223> n = A,T,C or G
```

<400>	246						
aaccatatta	atctactcan	catctncttc	accacagcct	cccttcccca	acatcacatt		60
ancctttagg	ngtnancgac	tgaaaaaanc	cctancatgn	cnnntnaannt	catctcnatt		120
atcantagaa	tgcccncaa	ntcatccctn	ctgaaaaacc	ttctggntct	nccctnatta		180
aggatagacc	attactatgt	tctatnccta	tagaaacntg	caaaaccttn	cggggggggac		240
ncatctncta	taggagagtc	ccaggcaaan	aaaccntat	ctcacatncc	attcttcctt		300
catataatta	cctnnnaaaa	tctcttgga	ccnannacca	ttttnatcat	ttccacaccc		360
cccctaaaat	aaaaaac						377

```
<210> 247
<211> 376
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(376)
<223> n = A,T,C or G
```

[illegible]

```
<210> 248
<211> 375
<212> DNA
<213> Mus musculus
```

<220>
 <221> misc_feature
 <222> (1)...(375)
 <223> n = A,T,C or G

 <400> 248
 gacttgagtg agtatccagt tgcagtagcn tgaaggccag tggcaccctt aggtngatgg 60
 tgacagagtg gntgtgcatc cctcatgtgg aagaaagttn ttgttctnta cagctcccaa 120
 gtcctccaac ccttacccca cggaacacctg ttctttcagg aaacccacac acagtaggcc 180
 agcancagga gtctccatga ctactccaac ctaacccacc tcatttcctc acatgaaaac 240
 gaaaggcagg gctgagagcc ctgatctgcg gaggcttggtg ttcaggctcg tccggatgga 300
 atattaacca caccactag cacaatatac cagctttaaa gtgttttccg aaagaattca 360
 cgtaaaagaa aaaaa 375

<210> 249
 <211> 374
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(374)
 <223> n = A,T,C or G

 <400> 249
 gatggcagtg acctaaaatc ctcaggcaag cccgggggtca tggcccagaa gcacccggga 60
 gatngaaggt tgtgtgnagc ccaccgcagt ggtgggtacct ccctcagtac atcaggatcc 120
 tctgtggacc ccgaaatact ttcattctca ggactcaggg actcagcaga gactgtctct 180
 aatggtacac gatgcctcaa agagcactcc ggccctaagt acacacagcc tccaaatcca 240
 gccacttgg canatccaag ccatggtcct ccaaggggtc cangaccacc tanaggagga 300
 ggctaccctg annaaagcaa gacagnttca gaaagaatca ggagtggacc angaactntt 360
 taagaaaaaa taaa 374

<210> 250
 <211> 372
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

 <400> 250
 cacacttcct gctacagaac tgtaagccct gcccacaaac aagcaancaa gcaagcaagc 60
 aagcaagcaa gcnnacaaac aaaccttctt tctataagnn acctgggtctt gaggtttcat 120
 cacagaaatg gaaaaaataa tatccaacgt gcnaaatat cccttgggtta ttatcataga 180
 aaaatcctta tttataggcc atcaagataa cattgttctg cangtaagga cacctactgc 240
 caaatcccaa nacttgagtt caagccccc gacataagca ctcttacagg ttgacctctg 300
 acctccatat ccatgcacac atgtgaacaa acacnaaaca cataaattaa agtagatttt 360
 taaaaaaaaa aa 372

<210> 251
 <211> 371
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(371)
 <223> n = A,T,C or G

<400> 251

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(362)

<223> n = A,T,C or G

<400> 255

ataaaaagct	tgatgctggc	ctgaaanana	cattcggtt	ctacacgagc	tcgaatgntg	60
nnctgtctgt	cacttgctga	ctcctgcccc	tctgcaccca	gagacccagt	tccacacana	120
cangggaccc	agagggtctg	cagcacctct	cctggctggg	tttcccctac	taatacttgt	180
aatnatctgg	ngttnaacat	gtntctttat	ttcttatcta	ggatgntaac	tccncaaaga	240
catctttggc	tattnttcgn	atgtgtattt	atttctgtat	tttcaacatc	acagcaatgc	300
ccancacatg	gnacattctn	aacnaacata	ttttgaatga	ataaatgaat	ggaaatactc	360
ac						362

<210> 256

<211> 362

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(362)

<223> n = A,T,C or G

<400> 256

gaactgagat	tctcatattc	tggttttctg	tggagggtcct	tgatccacct	ggacttgagc	60
tcaagcangt	gaaagatntg	tatnacaaga	ncttcacntc	tctgaanaaa	gaaattgaag	120
annacctnan	aagatggaaa	gatntcccat	gctcatggat	cggcaggatt	ancatagtaa	180
aaatagccat	cttacctaan	gcaatcgtac	agattcngtg	caatcccat	caaaattcta	240
actcacttct	tcacagatat	agaaagagca	attctcatat	ttatctggan	caacancaac	300
tgcaaanact	caggatatca	aaaaatcntt	ctcaacaata	aaaganctgg	gtgaatcacc	360
at						362

<210> 257

<211> 362

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(362)

<223> n = A,T,C or G

<400> 257

gacttgaggc	gtctgtcctt	cggcngttgg	aacccccctan	nttcacacnt	gacctgggct	60
tactgaagag	gacgtntgac	cagctggang	aggactgact	ccagcntcct	cctcggcctc	120
cctcctcccn	tccttcggtc	gctcaacctc	ttttgttcag	tacagtgtaa	cattgaagct	180
aatttgact	acctggatat	ctgactggag	ccgcagggtac	agatctgtat	tgttcttact	240
gaaacacagc	atggaattaa	cattaaactt	aaataaaaaca	aacctaaatt	aaaaatgcca	300
aatatatcat	gcctccatcc	tttatacttc	taaaataaaa	tctctagtcc	agaaaaaaaa	360
aa						362

<210> 258

<211> 361

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(361)

<223> n = A,T,C or G

<210> 262
 <211> 358
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

<400> 262
 tgggcatggt tgtttcnagg agnccgggna cgcagtttgg agnnnanttg gccgncgaag 60
 cttacatggg atntcgcaaa tccgtgggaa gaagcccat tttcttcac tcngtggctt 120
 cctcctactg gtctcctgaa ngcagtgacc ctctgcccc aanacttaac aagggtcttg 180
 ctagcttccc ttaanggcac tggttntgct ttttggttcc tccttcctgg gttccactga 240
 atcccttcnc ttaaaaancc ccgggttttn tttttnaaac cccccattn aagggtcttg 300
 aaatgggggt ttnaaccggg ccaantttcc cgggccctta aaaaaggggc ctttttcc 358

<210> 263
 <211> 483
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(483)
 <223> n = A,T,C or G

<400> 263
 gactgagccg aagaagcagg catcgganaa ccccgaaacca ggcaggacca agccgctggg 60
 catgtgactc aaggtcagng gnccanatcn antttggnac tnaaanngga gangangan 120
 atgggagcac ntcaggtggg ctctaccttg aaaagacatn cttagcgcca ggnccatang 180
 cacaagttca ngagacctga aggagttgcc aatatnaaag ntggcctctg tagacacaga 240
 cagcgttttc ttataaccatc ctggttcagg tcatgcctan cccgggggatg aggccagtgg 300
 gtgacgctcc cacagggtgc cctgtggcct gtcaatcaca tcaccaatgc acttgtcatt 360
 cgaacttctt tctctgcagt cttcacacct tattaggatt ttcttctcag gaactnaatt 420
 gttgtgttca ggagaagtag ctttctgcag ctgtgggtca caaatacgct ttaaaaaaaa 480
 aaa 483

<210> 264
 <211> 356
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(356)
 <223> n = A,T,C or G

<400> 264
 agactgaggg aaccgngatg aggctacctg gttgatttgt ttgtaaagct ttctgctgct 60
 tctccacatc ctacctctgg tcttcaccaa ggacactatc atcaggaacc gtatgngaag 120
 gnggaagcca attnctcagc gaagatganc cggccatang actcgntgga gccaaaagta 180
 atggacngan gacatgctca aagcanctgt cggggagcaa gggccccagg aagaagctgg 240
 gcagctagcc aagcaggagg gcatcctctt caaagatgtc ctgtccctgc agctggactt 300
 ccagangggg cancgcanac caangnnana gccaccana cacaggacca ggggca 356

<210> 265
 <211> 355
 <212> DNA
 <213> Mus musculus

<220>

[illegible]

```
<210> 266
<211> 355
<212> DNA
<213> Mus musculus
```

<400>	266						
gactgagacc	ttagagcaag	tctctaatgc	ttgaagacaa	ggcaagagaa	ttcgtaagtc		60
tttcaatata	aagttcaaga	agaaacaagc	ctaacctatg	gtaaagaaga	tgcaaatata		120
gcttgtctat	atggtgaatt	gtgttgatgg	attttcatat	atggaaccat	ccctgcatcc		180
ctgggatgaa	gcctacttga	tcatggtgaa	agatggtttt	gatgtgttct	tggattcggg		240
ttgctaggat	tcttattagg	agttttgcag	caatatctcat	aagcaaaatn	ggtctgaagc		300
tctcttttct	tgttgggtct	ttgtgtggtt	taggtatcag	agtaaaatgtg	gcttc		355

```
<210> 267
<211> 352
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G
```

<400>	267						
atcgactttt	gggagaagtc	nnccccacca	cactgncctct	gctggggaat	ggagcgaggg		60
ctagccaggc	tcttcagatg	nccgttgatg	gacaccaggc	ccgncctcgg	atcttggtct		120
ccttgaggat	gacgccttgg	ttgtctgcnt	gttgcncncn	ancccccccc	ganggagngc		180
ctgtagcacc	tganagcacc	gctggcccnt	gccctcttga	nccttgactg	tganntgcna		240
ganactctgg	cnccctctgt	ggtgaagaan	ctcctntttt	agtctccant	ttggtacttg		300
ttttcctaac	taagtgacaa	attgcctgcc	tctaataaac	taggtcagtt	aa		352

```
<210> 268
<211> 350
<212> DNA
<213> Mus musculus
```

```
<220>  
<221> misc_feature  
<222> (1)...(350)  
<223> n = A,T,C or G
```

<400> 268						
gcttttcggca	tgatgaccca	gctngaagnn	aactnggcaa	tgggcancagc	ctaacacttg	60
tatnnttann	tggggggnntg	caccgctacc	atttcaccat	ggccttgnaa	cagtnccacg	120
gcctatggcc	agnaccatn	ctgnnggggn	ggatgcngct	tanatcacia	agangggccn	180
aaatagccca	naatagcatn	cccaccacac	aagttacata	ctgtgattag	ggccccagcc	240

<211> 508
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(508)
 <223> n = A,T,C or G

<400> 276
 cgtcagctca aggcantgct ttctngtatg aaggctgacg ngcncatnga nagcaccttg 60
 aaancngccn ctgtgcanna ncatnntngn ccatnaatna ntatgcaggc cttagttaca 120
 cccgtgmnnn tnacttanna ganaggatcc tgcnaanaca catgngctnc nngatgncat 180
 cataaggcaa ggggagtgccc cgaagagagt ctggggagaac ctactgctgg tgattggcga 240
 tacagtctca gatgcaggga tgaccccagg atactgaaga tgacaggact gtgagatgtg 300
 caccaaggat agaggccggg tggggcagag cagagctgaa tctcaagaca gctgcatgtg 360
 ctatagaggg caggacagag atgtggagct gcccaagctc tctggagctt ggaagatgat 420
 gactgagtc cagtcgctgt tcaactgaact atttatacct ttgcattttg gttttgcttt 480
 aatctcattg taactgtgcc caaaccat 508

<210> 277
 <211> 338
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(338)
 <223> n = A,T,C or G

<400> 277
 gactgagggg tgggtgagatt gttctaacta ctgtcgtggc taacctgtga atattctaaa 60
 cgccatggga ctccatccaa ggacatgagt tacgcctgag cccggcctga caccccaagg 120
 ctgtcaagga ggatctatgt tccgcataga tctataagat gcagagngcc cgccgcctgg 180
 agcctgactt cggacctnat gtgagcagat gccactttt ttgttctttg ttaaaattcc 240
 cctngaccc ctncccatte cctgcaatgt atgctataaa acaaggcacc tcancataat 300
 aaacggagac cttgataggt acaatctaaa aaaaaaaaa 338

<210> 278
 <211> 336
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(336)
 <223> n = A,T,C or G

<400> 278
 cgттаатсса сggccctgctg cagnctctgt ggtacagcct gagaaccctg tccccgntgc 60
 ccaggacacc actgacaaga agcccaccag gccagcagca ncatctcagg acatcacaag 120
 ccggngtgac tggagcagag cagagcctgt ttggctcacn naagaggaaa gaggaccccg 180
 cnnacnctga agtcaaccag aggaacctnc agtttggtgg antcantggn gggtatgagt 240
 nccccctcgg ggnctagngc agagnagagg ctaggancnc gagagcttng cnnnatgagg 300
 gccccgngcc ntccncctgg ggctctgtgc ccatct 336

<210> 279
 <211> 336
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 279

acgtcctcat	ggattcagcc	ctggagctat	gaagacatga	gaaagcagct	gcttggaact	60
gccaggtctt	gctggggngn	tgatgggtccc	ggggggaatg	tgaatctgnc	tgccctgcccg	120
ntgcgccccg	cccgttctcc	ccccgatntc	agnatttgct	ccncacggcc	cagggccctgt	180
gcaggngcct	nttccnntgc	ctggaanncn	tgancgggca	caacaggccn	tgtcaatttc	240
cccgaaccnc	gggaggtgtc	aagtttggca	ggtcacccan	gcntggtggc	ttggggaaaag	300
gtcntacaca	cantgcnttt	gcaattttgc	cctgca			336

<210> 280

<211> 336

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 280

gggctgagca	tatacctgga	natccttggt	ggcgactgac	ngacagacan	gcngattggg	60
tgtaggcan	gaccactncn	tntccttggt	ctgggtctcc	tccaaactgc	tactttaact	120
gcacctgcaa	tgaaaanggt	cccacnccag	agaaccagca	tgccctgctag	tgagccgctt	180
tattntgcta	ttacaacttg	ggcngataag	acgattttaa	gccangtggg	gncgnntat	240
gtctttgatt	ctancactca	ngaggcagag	gcnggtggcn	tttatgagtn	taaaggccag	300
cctgntctat	agagtgagtt	ccaggacagt	cctgtg			336

<210> 281

<211> 336

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 281

gccccgagac	gcgcaacttc	ntgcgcctcc	tgttgacgtg	gacgcnacca	ggtcaagggc	60
ctccaaggcc	ttggaaccat	gggctactgg	caaagctgta	tccacatatg	ggccatgctc	120
aagatgggtg	gcagagctca	actccagagt	ccaaaacaag	tgatcagtg	gtgtaaagac	180
tagcagctgc	agcttccctt	gagaagtttg	cagccccaaa	ctattggtct	acagagacct	240
cctactaaga	ctagttaaag	cttgtcactg	tgctatgccc	agtgaacacc	tcaaagttcc	300
cagctatcgt	ggggatctaa	ccccagcttt	tgctgt			336

<210> 282

<211> 333

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(333)

<223> n = A,T,C or G

<400> 282

gactgagaaa	gagcatcata	taccctggta	gangagttac	aganggttct	aagctccgat	60
gtgggtttga	ganttgaatg	tgggtcctct	ggaagagagt	gctgctctcc	cacaccctgt	120
ctttgtttct	tgagcaccgt	ggtgaaagta	gctctgcttc	tccccctcaa	ggaaagcaag	180
cataggaact	aggttccagc	tatgagaatc	caaccaatct	tgaatggcag	ctattcagag	240
aacaaaaact	tgcatctgta	ccagacgtgt	gcagagttcc	ttccctgggc	attgtttccc	300

caaacagtaa aagtattttac ataataaaaa aaa

333

<210> 283
<211> 333
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

<400> 283
gactgagtac atgaaccaca gnagcatggt agagcaatgg cttcatggga acccaccang 60
agngctcctg attcagtgtc gctaacctcc caggattcag tccattgcg ggcgggcctc 120
gtgctaagcg atctcaaacac tgacgttaca cagcaggaag gagacaaaga gtgtggatgt 180
tcaccgtcca agtctcaaaa gccagaggct atggctgtct tctataatcc cagcagcaca 240
gccctgntgt atcactggga aattatgtgc ctggtgnctc ctttcaaata aagttttatt 300
gaaaccacan aaaaccaaaa taaaatagtt tgg 333

<210> 284
<211> 333
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

<400> 284
atctgggcac tgggtgccaa cgngtggcctt gagtaccaag gctacagacg aagaacactg 60
cagtgtttct gttcggccga ttttgngtgg aanatgccct gcgtgngagc ctgccgcctc 120
aactagagat cctggcacat tgatagctgt cttcagacac tccanaanag ggtgtcagat 180
cttgttacng atggttnona gccaccatgt gngtgcctggg attngaactc tgnaccttcg 240
gangagcanc cgggcgctnt aacccactgn gccatntnac cannccggaa tgnnttangg 300
atgngncata catnatttta tgaaagcttg ttc 333

<210> 285
<211> 332
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(332)
<223> n = A,T,C or G

<400> 285
tgccgctgct ttctgttctn tcnatnngac acncccantg ttggaacng nacgagccnc 60
acacgggtgtc acctttttac ttggaccaga agattattct ggaagggaaat cggntccnct 120
nncccttctc tcataacatg gagncancaa ctnataaaat ttgagcnttg atcaggagat 180
gaaaaaatgg aaanacaang ggggggcaag aagtacacta gatttgggct gnagcanggt 240
cacaggacag tatagcacct tgactttcct ttttctttnc tgancctttc atcnctgtan 300
aaacgcagaa tccctggagt ggagaaaaaa aa 332

<210> 286
<211> 331
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(331)
 <223> n = A,T,C or G

<400> 286
 gaactgagta tattggattt tctaaaagaa tggaaatcaag tgatggcctt ttctccagaa 60
 ttggaatatg gaggccttcag gaacagatga agttgacaag ctaaaaacta aatttntntc 120
 tgcttgggagc aatatgaaat atagttgggt gtggaaaaca aagacatatt ttagtagaaa 180
 ttcacctgtt ttattgcttg gaaaatgtta tcattttaaa tatgaaggta agcattaaaa 240
 aaaaatcttt gaagactttc attgctaaac attttggtat tttatttcca tattaaccg 300
 ccttgacacg ttaaccacct aaaaaaaaaa a 331

<210> 287
 <211> 331
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 287
 tccgccttca cttctntann atggttgaca taacctactt aagctcaggn ctannatcta 60
 tatagctcaa agatgcagta tgccttgcca agcatcctgc agcgaggggc cacagcctgg 120
 gtttggagac agcaaagtgt ggctgggcca agtgggaagg tgagggcctt cccctggaac 180
 ctgcgccacca gggtcacgtg gagcctgaca gctcccangg gcagccacgt gctcttcca 240
 tgacatnata ccgcctcgga actttgaggg caaggattct tggaaatgctt gattcatcct 300
 ggaacaaaaa taatactgcg tatttataaa a 331

<210> 288
 <211> 330
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(330)
 <223> n = A,T,C or G

<400> 288
 tgccgatgtc tagtctgccc cgcacggctc ctgcanaggc cnnggccncg gggannncnc 60
 annagacgtc ggcgcncgct nctggttgta aaccaannngn gggannncca caagacacct 120
 gagangccag gacagactcg taggaaggta ccaattcctc ctattccaga gtatctgccc 180
 ccagtgaacc tgattcaccg agatgttttg cgggcatggt gccagaagaa acgagtgtanc 240
 ancaaaggcc anaaattana tgcttataaa cnactccttg caagggtctt cccanaacaa 300
 atgntgnagt tgaggaacgt cctgactcg 330

<210> 289
 <211> 329
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(329)
 <223> n = A,T,C or G

<400> 289
 agcagacaca tgatgangaa taaaagggcc ttggaggaaa ggcaccagtc actgcctgt 60
 ggaaggcgat acacacagng tcctgagacc gtccatggng ttttgatgnc anctctacac 120
 ctggttagcca caggcaggnt gttgatgggg ctgnacngtg ttngnnacat tgtgcancat 180
 tacgggacac accactttcg aggctcgctt ggtgtggtgc atttggtggc cttccatcca 240
 gacccacccc gcctgctgct cttctcctca tctgnggaca cctctatccn cgtgtggtca 300

ctgcaagacc gctcgtgttt ggctgtcct

329

<210> 290
<211> 328
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(328)
<223> n = A,T,C or G

<400> 290
actgagagaa acaataaggg gttacatgnn gtttaaggnt ataaggaccc ttactgttcc 60
ctcacancag gattcccagg ggaagctgag anggtngata acagaaattc aggaacctgt 120
ttgggccttg gctattagag tggagatgg gagccntcct gaaacatga cttaggngcc 180
cacagacctg gcgtcgggan tgcngttgac tgaagagnga nttagaaga gacctganag 240
gcnnagcgct gatattcttc tatnaggac atgaactttt cgtcgcncggc atcgncatng 300
gnancatcat caccatcacc agcagcag 328

<210> 291
<211> 326
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(326)
<223> n = A,T,C or G

<400> 291
ggtgggtgaa tagganaagt accttttgcc accccattng gangacttga acccaggggtg 60
ttgctacact atgcctgnga ggannggctc ggtctagcat gaaacacnna gccncctggg 120
gcctctggcn nccgcngtga ngntgganat cntcnngng catgagccga gctttggcnn 180
aaactgggct gntgcgtggg tgcgagaagcc ccagcccgat gaaaangaga agacggnttg 240
ncccccccta tnattggnga gccaatganc tttgtncacc tgactcacat cntnctctgg 300
agagatgggg gcctgtagat ggactt 326

<210> 292
<211> 326
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(326)
<223> n = A,T,C or G

<400> 292
gggcagctgg gtaacctttg atgatgaccc tgcttttnaa tcttctcaga aaagaaagga 60
nttnnctctg gagactcatg gtgtnagaat caccantcng actgantcat ganccttcc 120
accctccgan ancctcccat caccctctcc tctnccanca ncnccccct ntcctctccc 180
atnaagactt tttatttcaa tccaaaaccc ccanacaact cccctcttcc tncaccacc 240
aaaacttccc anaattccct nacatcccta aaacaaaaac acatatactt tatectattc 300
caaaatagtt cttcaaacaa atgcc 326

<210> 293
<211> 325
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(325)
<223> n = A,T,C or G

<400> 293
tgtactagga ggacgangag cctgtganaa nnccgcntnt tccctntnac angteccancc 60
tctnccctgnt gnganctgga aaggnagang aancccccctgt tgtagcacga ngnccccattc 120
tcctctaneg aanatgttaa agcctgcatt ctgcatgaag actgtcattg gaggtagaag 180
gttttaagga nggaagnaaa anttcnaaga catccacttg nccctttccg ttgagccagc 240
acacacagca ntgccaggag cagtcgtgtg gntccccant tgctgnctgn gtgtattcca 300
gttgctaneg ggaggctctg aacaa 325

<210> 294
<211> 325
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 294
cagactgagg gaagctgtct tggaaaatga gcaacagcaa cactgnggtg cttctgccnc 60
acacacgtgg ngnggngctg cccactgaag gccaggnttg gactcaggac tcntgnagga 120
ttaatgagag tgatgataat ggagctgacn cccagagngt anctntctgg gcacntaagn 180
angagtaatt angtaanaaa ttttttgtct atgnggcatg cgagtggngt nggagccnca 240
ccttgagtan tgccaagggg ngtcacacca nnnatgtcct gttatctggn gtgccatcaa 300
tggtccccca ggagcgaggc gtttg 325

<210> 295
<211> 325
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 295
gactgaggat cgttgatact ggtcagctgg ngctgagaat gagccttcat taaaaagaca 60
tcagcaccga ctggnntngcc attggctccc acctgactcg actgnangag tacntnggaa 120
agacacccaa tggatgatnc ngcacgtcag cactgnccca catctgncta cactgggctt 180
accgntggna tntgcagtec ccangagang cccctacnnn cnaagcacct gactgngtat 240
ncaagactca aagaaacatc ttagnttata tncctccccc ntgggacctt ncaagгнааg 300
gngggcatgt cacattgaaa ccaca 325

<210> 296
<211> 321
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(321)
<223> n = A,T,C or G

<400> 296
gactgagggt gggctctttcc aaggaggggcc gcctggcnct gcnactcttc aagccnnact 60
gggagcagag gagacaccag gaacactcnn gagaataaat tnacattctt attcaagagc 120
ccctatcatg tgccagaaat cttacagaac acaagagtca gggataaaga gcaggaccca 180
ctgtgtgatt aaacatgacc atttttctgct tttcactgcc ccaccctgta ggaatactat 240
ctacccttgg actactgaac tcgagagtgg ctatttgcct gtgctggcta ataaaatgta 300

gacagagttg aaaaaaaaaa a

321

<210> 297
<211> 319
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(319)
<223> n = A,T,C or G

<400> 297
actgagaatt aaggagagctg gggaaaaaat tggaggattt cacaccagct gccagcagca 60
tttgatgcca aggacaaatn ttcacagcgc tgtctcctcc ggggatatat actagccatt 120
tccaggtaaa agcaaggatt cccgcctaga agggaggcct gcctgtacct ggctgcctt 180
ccagggggac atttcttttc caatagagtc tccacacagt aagaggatta tttntatgca 240
tcgcaagcc ccttaggggtc tgcaagagtt ccgagtcacc cacaaaagnt taaatcacat 300
ttaaccaga aaaaaaaaaa 319

<210> 298
<211> 318
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(318)
<223> n = A,T,C or G

<400> 298
gagtggaggt gtctgaggag cnagcttctt cggaagatct nganganatc tngtcttcnc 60
ttctggaagc tgcaggcatt ctttcnngn tccagaacnt caccocgggc gtcggcctcc 120
gtccacaat ganannccac tgtcatgtgt ctncnntnnc tcntcagacc cccaccantg 180
cncnaacttg cctntgtctt aattacnnta attactcaat gtttcntcn taaagctccc 240
ntccatgcct cctgggttta ctttaaaatt aattttaatt tagaatttaa aaaaattaat 300
ttaatttaa aaaaaaaaaa 318

<210> 299
<211> 317
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

<400> 299
actgaggtct gtgaagagaa tgggcacanc aacaagnant ctacctggat tgnngtatga 60
nagcactgag anacactgct ccattgcctt gcttgctacc agggcttggn ctacactgng 120
gacaaacaga ggataccac agagtnaaat gtnttatatt accttatgtc aaggaaacct 180
acctcagtat ctacctctna tggaccacaaat aaacttnatn canantntgc ctccatgaa 240
nagcacttcc accacaagtc cagcactgat atattcccat ctttttttaa aaaaaaattt 300
tttcgttatt tgcattt 317

<210> 300
<211> 317
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(317)
 <223> n = A,T,C or G

<400> 300
 gactgaggac ctggtncgca gggctcttgcg gggngaaatt acggttcaaa atcgcaggaa 60
 tccccaaagt tatactagac ctcacccatg gaaccttctc caaattgcta cccgtaaacc 120
 tcacgtcacc tagtctgaaa gacaaatata ggatggagga gccccgtaaa tgagtggagga 180
 aggaagcaaaa gagccctttc aaaatgacac atcttctgag aaagcctgtc ctgggcttac 240
 accctgaccc ctttcagagc cttcatgaca gtgtcaagga ctgtgtgtaa taccaatatt 300
 ttatccaaaa aaaaaaa 317

<210> 301
 <211> 316
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(316)
 <223> n = A,T,C or G

<400> 301
 tccttcggta cgccaccnac tgtctgcctg ccttcacagag cntctgcccc tgcattctcc 60
 aacagcatga aatcagaatc tggaatcggg antgggaagc aaggctcagg gncctcgatt 120
 tgctggcctt ggagacagga gaagactgag ttgtcaggat gtctgtaaac cacngagatg 180
 gaggtctgag ggaggagtca naacagacag ttgcaanagc tccagggana tgtgggcaaa 240
 atgcaaaaac ttggagatgt ggggtccagcc ccgccattct ctgtgtanct ctggctgncc 300
 tggaactcac tttgta 316

<210> 302
 <211> 316
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(316)
 <223> n = A,T,C or G

<400> 302
 caaaccactg attcctatta ctggatccct tttcctncca tcacagngcc cgacgactca 60
 cacnctgnan tttnagctgt ntncacnatg agctctgagg atgacgacna cangacaggc 120
 acttgtagag gannaggaca aatgnctggg ncantcgagg cagaagtgna ctttcatcaa 180
 cgngggnggg atcaggctga tgatctggcn gtccttcgaa gaggtgcatg cncangnct 240
 tgggctgtgg ggaagccagg gncagngtnn gccctgntct gactcccttg cccaccctca 300
 gctggacagc caccaa 316

<210> 303
 <211> 316
 <212> DNA
 <213> Mus musculus

<400> 303
 gactgagctc ctccccctcc cacctcgctg actgaccctg ttgtaggacc ctccgtgact 60
 gcattgggag tttcactctg tgcaagctgg tttgctatcc gcaggacctt agctaagtca 120
 cagctacagc atccctttgc cggcgggctc tgggagttag gactcttggt cttagtctag 180
 ggaccttgta acattggaca gacctagcca cagtccctgt ttgtaatcca tcttgctgcc 240
 tctggacagg tctccactcc acccttacct ttggcatcta tatttctttg aaacaaatat 300
 tatttaaaaa aaaaaa 316

<210> 304
 <211> 315
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(315)

<223> n = A,T,C or G

<400> 304

tccggaagga	ggaccggnga	gnatccaata	ctgatggcgt	ccaataaagc	cacaagcctt	60
ggaaccagag	canngactca	cgtgcnatga	ccatttgcaa	gtgaagatgc	agtggacntg	120
agggatagac	tgcaggacac	accatgacac	actacagcgt	tccacggatg	agatgttttt	180
ttatgctttg	gtttttgttt	tgctnnngttt	tgncctttgt	ttgtttgtgt	gtcctttatt	240
ttgggtgaga	ggtttgaaag	agccaggggt	ggatatgagg	gggcaggcag	atgancggga	300
ttgggctgct	cgatg					315

<210> 305

<211> 314

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(314)

<223> n = A,T,C or G

<400> 305

tgagaagctg	cttcctctgt	ganccagtaa	cttctgtgcc	ctctantggc	tggtctcgca	60
gcnccttcag	ccacccangt	gcctctgcaa	gancttgntg	acagtctggg	tctgggagca	120
gganangatt	cccttaatcc	tgcagagact	tgatgcccc	gggtgaagag	aatgagggga	180
gagggcaccc	tctcantagg	tgaagaggag	gatggntggg	gnaaagaaca	nnctatggga	240
ccagaagggg	agcaacattt	gtgangttaa	taaatataat	aattattaat	aaaaaatctc	300
tagcaaaaaa	aaaa					314

<210> 306

<211> 314

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(314)

<223> n = A,T,C or G

<400> 306

gactgaggga	gacctgacag	cagtcatggc	aagcagcagc	ggggacagtg	ttacccgccg	60
gagtgtggca	tcacagtttt	tcacacaaga	agaagggcca	nnctcnatg	gcatgaccac	120
ttctgagagg	gtggtatgat	tnttctgaac	catngctgcn	ttgatcacca	aagactcnaa	180
natcacagtg	ctcaaacagn	tccaanagcg	tgntnattan	caacgaccnn	accctnctng	240
acaangnta	tggatgaaat	nattactttc	canncacana	anntcnttgn	tntgancaag	300
tttgtaattg	tctt					314

<210> 307

<211> 313

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(313)

<223> n = A,T,C or G

<400> 307

caagctggca	atgaanttac	actatntagc	acctgaatga	cctctaactc	gctgtgctca	60
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<223> n = A,T,C or G

<400> 311

actgagcttc	cacttgggccc	cccgnttggc	tgtcttttct	gggctgtccc	ttccccntgg	60
ccggggccga	ggacacntgc	ttgctgcgca	agagtcttca	ggantggctt	tggtttcacc	120
cntgcgccac	ttcntcgtgt	acccacccga	gtccggccgt	gcacttgcac	tcttgaagga	180
ggaaganaaaa	tggaggcccc	aaggaaggaa	nangaggang	gaggagggan	cccntcccca	240
cggnancngc	ttggngggccc	cagggancac	atttttttng	aaaaaaaaatg	ggangggaag	300
ggggggcccc	a					311

<210> 312

<211> 310

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(310)

<223> n = A,T,C or G

<400> 312

ttggtgtctc	gcgacagcan	gtnnccaaga	catacactca	cantntggcc	tangcaggaa	60
cagcagccct	gtgcatacca	tggngtcang	gaaaagacnt	agaagaacag	gagtgtctga	120
nctgattggc	cgaatagata	nttaatantg	gctgcnnccc	cacnnaggta	cctcagcctg	180
gggcctcagc	caagatcacc	tantgaggat	acacagggcc	cgattataaa	atggagctta	240
atatataata	taantattac	attattgact	tattgnattn	ntattctcat	taaaaacact	300
ttcaattcaa						310

<210> 313

<211> 308

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(308)

<223> n = A,T,C or G

<400> 313

tactgcctgc	accattagcc	ttgaataagc	tgagctggtc	tattgtcact	ttgaaagnag	60
naggtattag	acatccgaac	aattacacan	gactgcctac	atnccgctan	atanntgagc	120
ctgngctacc	tcagttgacc	tntaaacagc	tngttttcac	tgncctgggtt	ttaatgctct	180
catgtgnaaa	aangganacn	gtgntatttg	cctccttgag	ttgnggacnn	ccaataacca	240
nctgatctgn	ncaanatata	tntnnatgtg	atcntcatcc	tcacatnnga	cctaacatat	300
aatatctt						308

<210> 314

<211> 307

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(307)

<223> n = A,T,C or G

<400> 314

tgaaggactt	gcgaaagccc	tcattacacg	gtncctgcct	gctnaagagc	tnttcctgag	60
aaattaaaaa	ctttaaccct	ggttntttcc	aaagaacacc	ttgngactgg	ttngngtact	120
aaagggtaaa	gatttcctgc	tggcaggagg	ccatcttctg	ctaactttta	ggcttactgc	180
acaaaagctt	aagcacctga	caattancta	tttnagtaaa	tntncaagac	actnttccat	240
ttcttttcag	ctaattcact	gttttttgaa	ccaacattaa	aaaaattcaa	cttgcaaaaa	300
aacaaaa						307

<210> 315
 <211> 307
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(307)
 <223> n = A,T,C or G

<400> 315
 aggggggggccc ccccaagccg ctntatacgt ttgggggatat gtttgggggnc ccacntgggn 60
 gnggaacnggn cggggctnac tntttcttgg tagnaannta ccttggttgg naacccccggc 120
 tttccctttt tcccagggga accaaaccn ttncccacaa aacccccggaa aaaggaaaag 180
 gccacccttg gtaatttggg gaaccttggc ccaaggccan ccctttcaaa aggggggcccc 240
 aaanaaaaag ggggtgggtg gggtaaccga canttggttt ccccgaggat ggccagcctt 300
 gccatt 307

<210> 316
 <211> 307
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(307)
 <223> n = A,T,C or G

<400> 316
 cattgctgtg gtgctctgnt ctgcaggngc tgtgcaagcg ctgggggtgct cttcgacagg 60
 ctgtgttgct aacagangga gcctccttga gacgttttcc tgcaatgatg cgggtgagcc 120
 atgccatggc ttaagaatcg cccagggagt tgatggtact ttntannact tggggcccag 180
 tcttggaatg gtagcttaat gtttgacagt ttaaactgga gtagctccag agctctttgt 240
 tggctccaac acatggataa ggttttctag aacatttact ccatcccatc ccccaattaa 300
 aaaaaaa 307

<210> 317
 <211> 307
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(307)
 <223> n = A,T,C or G

<400> 317
 gagaaatacc taatgcattn ctttganaac ctccacatng cncactggnt anctnttcac 60
 aggcntcaca gncnntagcc tctnacngga gngnnaggaa ggcagctgnc agctggctgg 120
 agnctgnan ccacaggtag ccnaactgga atatgctctt canagctctt cacaganaga 180
 tnacantcng acagggtnn gtgaaccccc cngaacgcga gaaggatcga ggtttaagca 240
 tggtgggaaa aactgatccc ggcactgtct tcgngatgaa taaaaacatc tcaaccctt 300
 acagttg 307

<210> 318
 <211> 306
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(306)
 <223> n = A,T,C or G

<400> 318
 atggcgcttg ctacatcttc ccgaangact tccatattgg tcagtctcag tcgacttggg 60
 ttttcgcgtg ccgtcaccaa gctgtcgtcc cgnccgccgn cgtagggntt ccacccacgg 120
 tcnggggggag ccagcccgcc catcccggna ggggtgacat tntgaggggt gctgtgtagg 180
 agcnggggaa gggacaaccc gaacagtttc gggcgacgag acactctcgc cctnacgcga 240
 nangantntg acactngagg agggctccac tcaagcgcac accctatcga gggaaggaag 300
 cctccc 306

<210> 319
 <211> 305
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(305)
 <223> n = A,T,C or G

<400> 319
 ttcttcgatt cccaggctac cgttgactcc attattattc accagggagt ggtaaaatgt 60
 gtcttccatt caaactggtg atgggtgatg acacggacct aggaatcttt atgaaggtnc 120
 ggnntatgnt gcagtttgna nngngtacn aaaacagnan tatnnantcg tttatccctc 180
 gncccatcnc nccacagcaa gtctgcctct ctcttggttn ccngtgcgac cgtagcngcc 240
 tnngaggcac atggagtga tnggggngat gaaggagggg ggnctgtgtg ggatgagaaa 300
 ggggt 305

<210> 320
 <211> 304
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(304)
 <223> n = A,T,C or G

<400> 320
 gtgtgggact gcaacatcag cttggactga ggctgagcac agagcttatg ctgggaactg 60
 ccctgcccac tgcccggact aatgattgca ctggggacac atgcacctcc aaggagaaga 120
 ggaacgtgaa gggagacctt ggcttagggg ntngngatgca gcctgngcct tctgtttctc 180
 tgggctggcc aaaccatctg gaccagggat ngacacttgg gctccctga atcctgcttg 240
 gctctctgac atagggtataa gataatgggg ttggctagca gccagcatgc ctgtaaacct 300
 cacc 304

<210> 321
 <211> 304
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(304)
 <223> n = A,T,C or G

<400> 321
 cctactccta ggagcatnca nactgaaag tgcttcagaa ngatncctnt cttccaagtg 60
 gcctgcgata agctgctctg tcttgaggac tttccagaac aggggtggcca gaagaaacac 120
 tattttttcga ctacgtgaga tctgccttac taagactcca gccctactga gaaagctcat 180
 ggagcctgga agaccaagag ccaaccttcg gagggcaggc aggaactntgg ccggatctgt 240
 agggcactgc cctagtctca ctactatggc acgtgggttc acggnagggt ttgacccatt 300
 gggg 304

<210> 322

<211> 304
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(304)
 <223> n = A,T,C or G

<400> 322
 cgtgcactat ttttacgngg accnccanat tactcctggc anngaatnga ggccccnncc 60
 ctcttccttg atatgggtgga gcatcaccac ataaacatga gagatcttga cagaagtgcga 120
 aaaggtnaca naagccctgn aattggnaaa atanatttca tggctagcag aactagcttc 180
 actgatttag aaaaatagag gtgcacaatg ctctggccgc tccttgaacc cgtgtgtctg 240
 ccaatgttnt ggccgctcct tgaacccgtg tgtctgccaa tgttctgacc gttccttgaa 300
 ccca 304

<210> 323
 <211> 303
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(303)
 <223> n = A,T,C or G

<400> 323
 gtactcccgc cgtgttccgc nattegnegt ggcgngnacn gncaggcnnc nnggcaccnt 60
 cntcccggt tcnntcann nttgcagtcg ancannngcaa aagcctggct gtgcggggca 120
 gaactcanac gccttccctt ctgccgttcc ctgtgcccag tggataatct ccaganacga 180
 gtagtcagct ttgttgtecc tcctgcagcc tctccacctg cccgtttccc atcaagaaag 240
 tgtgtacatg tttaaaacct tttattgcaa ataatacaca tgtgaaaagg caagaaaaaa 300
 aaa 303

<210> 324
 <211> 303
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(303)
 <223> n = A,T,C or G

<400> 324
 agcagaaagg atgacagtct ctgcacctta tnttcagcat tgccctgcaca caccaagacc 60
 anggaccctg gcatcagtggt cgcttggtat gccaccgga gttaatggnt gctttagtaa 120
 actcactggc cttccctggg tatgaagact acntaaaaca ggggtgntga gatgttcact 180
 gggtaaagag acctaaagtt gatccctgga acccatggaa aagnggaana agctgccgga 240
 gncctctga cttcccccca acttgggctg ggggncctaa ccctgnaccc aacccccca 300
 ccc 303

<210> 325
 <211> 302
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(302)
 <223> n = A,T,C or G

Figure 1 consists of 12 histograms arranged in a 6x2 grid. The columns are labeled 'n=10' and 'n=20'. The rows are labeled 'm=1', 'm=2', 'm=3', 'm=4', 'm=5', and 'm=6'. The x-axis for all histograms is 'Number of non-zero elements' ranging from 0 to 100. The y-axis is 'Frequency' ranging from 0 to 10. The distributions are centered around 50 for n=10 and around 100 for n=20. As m increases, the distributions become narrower and taller.

```
<210> 330
<211> 294
<212> DNA
<213> Mus musculus
```

<400> 330							
gggagatgtg	tctgctggct	ttgtgtgncc	actacagnnc	tnngnncnac	accttaccan		60
tcgaatngtg	gnatgnanaa	ctgnncnntn	ngnggacacg	atgcagantc	tacatgacgg		120
tgagatgaaa	agcaagtgga	ttggagagga	acacagtaga	ctgggggagga	gaattaggaa		180
aatcactggg	aaagcattat	tctaggaaca	accttaccac	tacctgcagt	ggctacttcg		240
gcctcattcc	taaagatggt	taataaaactg	ctaatcaacg	tttaaaaaaa	aaaa		294

```
<220>  
<221> misc_feature  
<222> (1)...(293)  
<223> n = A,T,C or G
```

<400>	331						
ccagcacacc	cactgagcca	gctngctgcc	ccattggatg	ctctgtgaaa	ggagctgctt		60
ttctggcttg	tcacctgcgg	caactgactg	cagaagacta	ttcttgctac	tgctgtctaa		120
gggcagnctg	tcactnagag	gctgtgtcac	cacagagtnt	gctngcacac	cctgaanact		180
tgntcngct	gtngnntttn	tccttcagnt	nnatgnnctt	caaatttctg	aaatctatcc		240
tgntgggctt	gattgattan	gtntaataaaa	gcacttctat	tataaaaaaa	aaa		293

```
<210> 332
<211> 293
<212> DNA
<213> Mus musculus
```

```
<220>  
<221> misc_feature  
<222> (1)...(293)  
<223> n = A,T,C or G
```

<400> 332						
agacttgagg	ctccccctgcc	ctccccgctgg	tagcagacga	cggctccnc	nccgcagatc	60
tcttgtnaac	agcngtcat	atacaccgcc	tggatnnttt	naccggacaa	gcattagaac	120
annncctgct	tccgttccaa	aaacgatgcc	antcgttttn	tgccccctcan	nggagatggc	180
aggtagacgtg	ccttgtntaa	ggcatgccta	gaaattacct	ganttaaaaa	tgacctgtgt	240
gaaaaagcca	anntatgaat	taattaangc	ttttnattta	tcacacttac	tta	293

<210> 333
 <211> 292
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(292)
 <223> n = A,T,C or G

<400> 333
 gaggtctgtg aggtccggaa gcaggtgtcc cyggacgcag cggctcacc caccncagtn 60
 ttcgctccag nagaacacng gggnggccct ctgacggagg ncatcgaacc cctggacttc 120
 gaagatgngc tncnagagcc ggccacctga agtagcagcc cnggncccct cagggactng 180
 atagagnctc cagnagaang acnnagcaac nacngaagca ggcccntaga atggccgggg 240
 ccacagagtc tggngnggcc agaggatgnt tttttttttt gcccagggga gg 292

<210> 334
 <211> 291
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(291)
 <223> n = A,T,C or G

<400> 334
 ccaccaatgc ctaggtctcc tgtntaantg aanatacant caagatcctc acctgngntc 60
 angccacccc tanaaacaat aaatcctgna ggaccgangc caatntcctt tactcctaca 120
 gcatgttaca attcttaatt ancttgaacc ttataacctt aagtgggtatt ttgatctcac 180
 tgataagttt acattanacc cttcaatata tacnccgggg gggnatgact acncacnct 240
 accccnecat ngangtatan cnatgcattc ctgtaatcca attctcaaaa a 291

<210> 335
 <211> 290
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(290)
 <223> n = A,T,C or G

<400> 335
 ccgccccgc tgcctgncna gggaaggctc tgaagantgg tangctgcng agactctgag 60
 ctggaagann cagagaccag cttagctgcc tggangaggg ttagaccaac cgaggcctcc 120
 tgcaaaagga cacctcctca aactgtgttg agatgccac aagcctgtgc cngtgtgcnt 180
 tcaggttccc atgcntgggt ggggcccttg gtcactgcag cctgtctttg agtcactttt 240
 tgctcctgta agtatcccta ataaaactca ttggttcacg aaaaaaaaaa 290

<210> 336
 <211> 289
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 336
 gaagggatag acgacaccaa ngaaacagtg tcttncaaat acaacaggac tggcagtnca 60

tatgaacatc	acagagaccn	tggcnagcatg	cacagggcct	gcatagatcc	aaagctganc	120
tnaaactgca	agagtttgtc	cccttctate	ttatcctctc	aaatattgtg	tgtttcaacc	180
ggntgtgggtg	gcacacgcct	ttaatcccan	cacttgggag	gcaagaggca	ggtggatttc	240
tgacttcgag	gccagcctgg	cctacaaagt	ctccatctag	accagccct		289

<210> 337
 <211> 287
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(287)
 <223> n = A,T,C or G

<400> 337						
ggagacgaac	tggtggaatt	tttcaanngt	tctgaactga	cttcttcaat	accaggagga	60
acttatgnaa	gntagnnnag	ctacgatgta	ttgtgccacg	tganatatnc	ttgcngggagc	120
naacctaaaa	tctgcntgag	gggggtgggt	ataatagggt	tgcccagatn	cntgcaataa	180
ancagccttc	ttttgncnnn	gcccnatgaa	anttcttctc	ggagccagcc	taaaatttgc	240
agagggggng	ggnataaagg	ggtgcccanc	ccctgcaata	aaccaa		287

<210> 338
 <211> 319
 <212> DNA
 <213> Mus musculus

<400> 338						
actgaggatt	gaactacagc	tgccctggagt	ctgcctgcct	agcaggactg	gtctacagct	60
gctggattgt	atttgggtgt	tgctatggga	ctgaactgct	gacaaagaag	atcttcaagc	120
ttgcccccaa	agaactatta	ctgaacagggt	ccacttcccc	aaaatcctaa	taacttttct	180
cttctactac	ctctgctggg	tggtgagcta	gaggagaggt	tgaaccctta	ttaaagtag	240
gttgcaaaaa	atttatgcca	acagacaggg	aaaggggtta	tgactaggta	ataaagtgc	300
taacttccaa	aaaaaaaa					319

<210> 339
 <211> 286
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(286)
 <223> n = A,T,C or G

<400> 339						
ggtgcgtacg	ccccgcngg	cgaccggggg	gtgcgcctgc	agccttcaan	ggcccnatcc	60
ttcntgagcc	ncttctgccc	cctcctccct	aaaggnttca	tgtttccna	antagcncca	120
ccagctggnc	aananncatt	cnnaacatga	gcctgagtca	ggcatttcag	cctcaaagca	180
caagattaaa	atatctaact	ttgggatagc	attgaaaatg	taaacgagga	aaattcctaa	240
taaaaaaatg	ataataaata	aataaatana	taaataaaag	atctaa		286

<210> 340
 <211> 286
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(286)
 <223> n = A,T,C or G

<400> 340

<221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 348
 gactgagggg ccctctatatt aganggtaan gtacggacag aanagnagna gangnnaaga 60
 ganganatna gaanagatga gaangngaaga gaagcagaan ngnatagatg ngatgagagc 120
 gagtngnccc cagacattga tggngangnt nctcatgttc ntnatcagca ctcttggagg 180
 cagagacnaa aagatctttg cngtgcaaga cctagcctgg tctacaaagc aagttccaga 240
 actaaacaga gaaaccctgc cttgaaaaaa acaaata 277

<210> 349
 <211> 276
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(276)
 <223> n = A,T,C or G

<400> 349
 gattacctct ccagcctaag gtgtggagga ccctgancat ctcacaggtg ctcttctagc 60
 ntnaacattn cnatgatcgc nttacgcgtg tcagatgggg gcctcaggnc ctctctntgg 120
 ctttcatgac aaacacagaa natgtccttg ctctctcttg cgacctgaag attcgagnna 180
 cgggntgggt ntcgttgncn nngcacggan caggcgggtg cttcatncna tgatatctgt 240
 gaaaacgcta ngtaaccttc tagaggagag gtgggtg 276

<210> 350
 <211> 276
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(276)
 <223> n = A,T,C or G

<400> 350
 gaactgagtg ctgagactgc agatgtcacc gtgtgcagtt tttntgtggt gtgctgaggn 60
 nccccactcaa gtcttctntgc ttgtgtgcac tttacagtgt gctcaagccc tcagangtct 120
 gacgaagctg atttcattag tttcaatagt ggggttaagt tggccgcata tatacatata 180
 tatctttgtc atgtactgct ttccaggga aactttaagca aacatatttg tggccagttt 240
 acctcttcaa caacctctcg tagtcaaaaa aaaaaa 276

<210> 351
 <211> 274
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(274)
 <223> n = A,T,C or G

<400> 351
 ccacatgttt gtggaaanac attgcttaca atgtgaagga atggtaagat atgtggatga 60
 nnacanccat nccatngccc atnaacacat gaatattcan gaganncntt ctaaattggcn 120
 caancttaac aagtgtgat tcnngantcc ntccagtga caccttacat acactanacn 180
 cnggtctnac tctcttcaat actcagaacc anantngact tagnccccca gggaacacta 240
 aagaangttt gcaaatacaa tgactctgta aaca 274

<210> 352

<211> 271
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(271)
 <223> n = A,T,C or G

<400> 352
 gactgaggac ctgtctggnt gggaaaccggg ctcgncaccc gctctgctga gcagaacagg 60
 gcagtgtcct gaggaagggtg ctacggnttg cagtgggaga gctgtgggca tagaacccca 120
 gacctgtctc gaacctctgan cgctnngcat ggcacgagnt gattntcana gtcctggggtt 180
 ccttnncna ngatanngan nnnntnnccc tgaacncca ccanggtcnt tgtgaggctc 240
 cnatgggaca actaaataaa taaataaata a 271

<210> 353
 <211> 270
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

<400> 353
 ttagactga gagccntagg agncactgag cncacagaga nggaatcaac aggttggttaa 60
 caagccacag atgctggaat cggaaagagc ancaaagact taactgttga gccatctctc 120
 ctgcttgaaa aattgttctt gcaactggga tcattncagt gtctctgtgg gtacctacta 180
 tatttttata ctgattttta tattattntc cagtgnagaa gcaactgtgt ttattatatn 240
 taaaagctat ttnaggaata agcatgttat 270

<210> 354
 <211> 270
 <212> DNA
 <213> Mus musculus

<400> 354
 gactgagatc taggtcagaa gctgtgtgtc tcttctctca agcatctgga tcacagatgt 60
 gccctccact tttggattgg agttcattcc agatgcagtc aagttgacaa gcaggaatag 120
 ccatcacaga tggcaattcc tgactgggta agggctctcat gtaagccaga cacttcaaat 180
 tctctctgaa attggcctta aaatctttac tctcctgtct ctgccttcca aatgttgaga 240
 atacaggaca caatgctgga aaaaaaaaaa 270

<210> 355
 <211> 270
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

<400> 355
 ggcccagcag acactttctg ccgaagccag tcccaggcent tgagnaantnt gaagatgagg 60
 tgaccttcng atcctgccgc cgcntagagg agccccgtgg ctctccccng cntcccccg 120
 tcagnacaag gttntcccc tnttgggtgt gtnncantnn centgtgttn cntgngccc 180
 tcgaccncc tgtggagttg tggtttcenn tgtcccnttc cctgtcaaac aaaacaaagc 240
 catcagctct gggttggaat aaaaaaaaaa 270

<210> 356

<223> n = A,T,C or G

<400> 363

aacttgagtg	cctgatgtga	agcaaaactaa	gangtgaaga	cgggctgnc	tccggcntca	60
cagtctgagg	aaccagtcen	tcaaagcagg	anggagagaa	ctnntncnca	gcacttacnn	120
natacntata	ctttaagaac	tgnaaaaaat	natcatgaca	gaaacngcct	gactgtcann	180
accnacanat	tgaatgtctg	ataacanggt	gcnengattc	ctctctcttg	gcanactcct	240
gnaaaccca	cctggcccag	aagacc				266

<210> 364

<211> 265

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(265)

<223> n = A,T,C or G

<400> 364

tgagcatacg	taaaccgccc	cgctgtccac	ttcggcgggc	aaccagtctn	ccccagagac	60
accggctactc	acccgctcag	ccacncannc	acccgcggct	ggggtcacct	gtggccgccc	120
ccnccaccat	ncacgatgtc	taccgtcaca	gtcacggctc	cgncaccgc	cntcacggna	180
agcccggtga	anaagcagag	gccgntntta	ccgaaggaga	ctgtcccagn	tgtgcagggg	240
gnggggtgngg	aacgcaccaa	ctgtc				265

<210> 365

<211> 265

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(265)

<223> n = A,T,C or G

<400> 365

ctggaccaca	agagctattg	cgtgtgggan	gctggatccc	tngtntcttc	cntcatnact	60
gntgtgnatt	cantganatg	gtgagcctnn	gtcagagctg	gnatnctgac	aacaaagagc	120
ggagtctactg	caagaaacta	cttctaaaca	tgtccacaac	ccccctttct	tactaacctt	180
tttttcttgc	ctctgggttg	tggattagaa	aagagggtta	accatttaaa	aactctaaat	240
aaagtagggt	ttgaaaaaaa	acaaa				265

<210> 366

<211> 264

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(264)

<223> n = A,T,C or G

<400> 366

tagagcctgc	gatccncccg	tcccccgtnn	atccctggcg	cctgntcttg	cgccggttnc	60
cctgnnaccc	cnctgcyag	gngccgtggg	cagtcagtcn	ggtaangana	cccctggagt	120
cttccccccac	ggcanagann	atcaccacct	aacacctcaa	actgagccaa	taggaaacaa	180
ctaaccctaa	atcccccccc	actcctaag	tttataaagt	ccctgtccac	atggaataaa	240
ncgcacaagt	tattttactg	agaa				264

<210> 367

<211> 264

<212> DNA

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2
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gactgagatg	gcctctggct	gaactgggaa	attgaccctt	tgtgcgaggc	tggcttgccct	60
gtccctggga	tctacctgtg	tccacacacc	agcaatgaat	ggggttacag	acatttatca	120
tttcatcagg	tttttttatac	agatgctggg	ggttcaaact	caggctccctt	atgttttcat	180
agcaagcaca	atacccacta	atagttctcc	ctagccctat	ttttcaagta	tgtttgcca	240
agggtttggg	gtttttttttt	tgtt				264

<211> 264

<212> DNA

<213> Mus musculus

$\langle 220 \rangle$

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<221> misc_feature
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 $\langle 222 \rangle \quad (1) \dots (264)$

$\langle 223 \rangle$ n = A, T, C or G

tttgaaata	atgttcactt	gtccgtcttt	gtttttacct	gcataatttag	cccctctgmn	60
actgtagatg	ggctaaaanc	atcatgagca	tggttttatt	tngggtcata	tnctttgata	120
ttaactcca	tatatctnct	gcacttatag	nnacgcaaaa	ngtntcnagg	ctccaagaat	180
gaatntgatg	ggaatgnaen	ccccccctct	tttatatgnt	gacgtccaat	cnttaannta	240
ttngaccctt	gatcaaggag	tgct				264

<211> 264

<212> DNA

<213> Mus musculus

 $\langle 220 \rangle$

<221> misc feature

 $\langle 222 \rangle \quad (1) \dots (264)$

<223> n = A, T, C or G

gtctcattgc	acagctgggn	ctgnccctcac	acttattaag	tagcccancc	tgacctgana	60
atccagatct	cttgccctcaa	ccttacaggt	ctaagcctgg	atgaaatcat	ggnccttgaag	120
aaatatccaag	aaacaggaaa	ggatattcaac	agactattaa	atgacagacc	accttcaaca	180
gttttcattag	ataaaggaaa	accattgtac	aaactatggt	attgttactg	aaaatggaga	240
aaataaaaaga	gccttatctt	taac				264

<211> 264

<212> DNA

<213> Mus musculus

 $\langle 220 \rangle$

<221> misc feature

$\langle 222 \rangle$ (1) ... (264)

$\langle 223 \rangle$ n = A, T, C or G

ggctcgatat	catccttcag	ggactcnaca	tcatctttctg	ctctgaggct	gnancgancc	60
cacccagcac	acacaaaccn	gtcaacccgg	attgcagcgg	cctcagctat	tcactaccca	120
ggctcctgggt	gctgagcanc	accctgagct	tgntggaagg	ctgnagagag	atgcaatgca	180
tcagattgtaa	tnccctccgt	cnngntnana	gtantgtgag	gacacgancc	ttgctatccn	240
cnggaaggca	caggtctgag	atgc				264

<211> 262

<212> DNA

[illegible]

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<221> misc feature
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<223> n = A, T, C o

gtggtgagca	gaggtggtgg	gccncgccna	ggaggtttgg	agagaagncc	atttntgacg	60
ccctagnan	agccccnnga	ntcaggagac	nggggtggtga	gggagggtcac	ctgagagggt	120
caccacacnnc	ntcacntgnt	gcatgttacc	cntgctggca	ganggccntg	ggaaggactg	180
ggacangtga	gccntgccct	accagcatgg	cntggccctt	cctgaaggtc	aataaagagt	240
gtgaaactgt	gaaaaaaaaa	aa				262

$\langle 211 \rangle$ 262

<212> DNA

<213> Mus musculus

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<221> misc feature
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<222> (1) . . . (262)

<223> n = A, T, C or G

gcctctgggg	aagccttaaa	tgtgaccaag	aaaaccacct	tttctaattcc	acgggtttcc	60
gggccaacag	gctccctcc	ggtttgata	gaggagctgg	tacagagttt	gatcagtgtg	120
caagagatga	atgtanttgt	tgntgattgg	aatcgaggag	cnaccaactgt	gatatacccc	180
cattgcgtcta	gcaagaccag	acaagtagct	tctattttga	aggaatttat	tgaccgatg	240
ttggtaaaaa	agacttgtct	ga				262

<211> 262

<212> DNA

<213> Mus musculus

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<221> misc_feature
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 $\langle 222 \rangle \quad (1) \dots (262)$

<223> n = A, T, C or G

cttcccagg	ggcttagggg	aaagcatgcc	ttacagntgc	cctggacttt	cgggaaaagt	60
gnaggggaaa	ggggggcctt	gaaagnagaa	ggggnaggga	agaagttttc	ccaccagnaa	120
gaatnctng	ggagggnagc	cttaaaaaagn	aatttttggt	tccacccctt	tggggccttt	180
cttttttggt	ggagggaagg	agggaacccc	cccccaaaaa	gggaagggcc	ttccccagna	240
ccccggccac	caagccaagc	ca				262

211> 262

212> DNA

213> Mus musculus

```
221> misc_feature
```

222> (1) ... (262)

223> n = A,T,C or G

tgcccttg	cggcgctct	ngngncagt	gttttattgt	tgtgaacct	ggaactcaga	60
cctgtgcat	gcccggttat	gaggcgagca	ttnnaanagn	ttgcagcant	gcacatcaac	120
gnttggcag	ganntttntg	cgnacgcccg	tggtggaggn	gttgggttaa	gaggttcctt	180
ctngggcaa	caacgcttgt	aacgcncang	ctctcacact	gtggagggaan	agcggacatg	240

accancttcg gagttaaag gg

262

<210> 375
<211> 261
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

<400> 375
agactgaggg acaggactac tgggcatagt ggccttattg naagaagtgt gntataatgg 60
ggtcaggctn tgagggtncat tatgtctcaag ctatgcccag tatgacacac angctnctgc 120
tggtgttgga tctagatgta naactctcan ctntctctnc agcaccatgt ttacctgcac 180
actgccatnc ttcttgccat gatgataatg gactaaactt ctgaaactgt aagccagcac 240
caattaaata tttcccttta t 261

<210> 376
<211> 260
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 376
actgaggaaa ggcaggcaga gctatatggc aggagagccc gttgtcaacg cccagggtttt 60
ggagccggag gaacacgagc tggttcagcag aggacaggag tccgcctggg caaaagatgt 120
gtggaggcaa acagtgcaca cctttaatcc cagcaccagc aggcagaggc aggtgggggtt 180
cgtggccagc ctggtctaca gagcgagttc caggacagcc agggctatac acagaaaccc 240
tgnnttcaaa accaaaaaaa 260

<210> 377
<211> 258
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(258)
<223> n = A,T,C or G

<400> 377
gtcctctggc gctggagaca ggactgctac acngagagcc cnngaagaaa gtgaacataa 60
aggccactng ngngctnctc ctggnctcctn cttctggatg ctctcctgg gtgctnctcc 120
tcagactgtt tccagnanat caggccccta ctgtccaatc catnagctct gcagttcatc 180
ttcagactta agcatanaaa tggatagatc ttactgaatt cgggggactg taaatctgaa 240
gaaccttaaa aaaaaaaa 258

<210> 378
<211> 257
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(257)
<223> n = A,T,C or G

<400> 378
 tgtagcatgg atcctanaac tggaccattc attgggnggn caccacata ggggcctttc 60
 ccccttgatc actaattgag aaaatgcctt acagtngaac ctcatggaag catttcctca 120
 actgaagctc ctttctctgt ggtaactcct gctgtgtcaa gttgacacaa aactagccag 180
 tacatcctgc taatcttttt ctccaatcct gatccttcta tttttataaa ataaaaat 240
 ataataataa tataaaa 257

<210> 379
 <211> 256
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(256)
 <223> n = A,T,C or G

<400> 379
 aggtgatttg gcttctgcct gttangtagg agcnccttc cgacgggagg nnagcgctgn 60
 tacnccnct gtgnactnac atatactttn agatgatcat cagcccacat accctgtaac 120
 ttataactcaa acatgggang gannngtnaa gtgcttttat aatacacatt attgttaaaa 180
 gcaaggattg actcttttgt tttatattga catggcatgt cctgaaataa atatcanttc 240
 aatatgaaaa aaaaaa 256

<210> 380
 <211> 255
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(255)
 <223> n = A,T,C or G

<400> 380
 cgagtccac attgcntatc caggaccaaa gctgcttgan aacngatagg ncgtgtcttc 60
 angaaagcta acanagaatn ttngngatg gancttcaag gcaacaactg tgnaaaagtc 120
 acngnngatg ctgcttactg gcttgctccc atggcttcc gtcgnatacc acctgnaacc 180
 acctgcccag ttcttttanca cagagtggaa gcctcananc tttactactga cattgggttc 240
 aataaaagcc tcata 255

<210> 381
 <211> 255
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(255)
 <223> n = A,T,C or G

<400> 381
 tacacgtggt agccgnggct tgtgccagta tctgaggaca cggcatactg ncaagatcgt 60
 tganntacnn accctttaan ncctcacaaa catcaagatt nnagaggagt ctcnnagnnc 120
 tagaacttct atgacactgt tggcttcagg aaaactganc acttcaaagc ccattgctaa 180
 ggacccttat ttgccaaaat tgtgatctta agcangctga ccctnnnttt tgcccatcgg 240
 gactattaac aatac 255

<210> 382
 <211> 255
 <212> DNA
 <213> Mus musculus

<400> 382
cagactgaga accaggcatg ctcacggtac agacacaaca cttgttgctc ttccagagga 60
ccttggttg cttcccagca ccccatgga gactcccaag cacctgtaat tccagtccca 120
ggagatccag tgccatctgc cagaatttaa gggtcgcaag catacatctg gtgcccctac 180
acgcatgcag gcaacatact catatacata caataaatct aaaaataaag aatcagagaa 240
ctggaaaaaa aaaaa 255

<210> 383
<211> 255
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(255)
<223> n = A,T,C or G

<400> 383
agacttgagg gcaggcanca ggaacatgtc taatggntgg gtggatatca agaaaggaga 60
atgcttttcct ccaaactgag cacagagccc cgcattggtg tgcttgccctg taatcctagc 120
actcaggaga cagaagcccg agaattccta taagtccgta atcagtctgg tctacacagt 180
gacttccaag ccaggactac atagagatac cctagctcaa aaaagaccaa tagaatacaa 240
tggaaaaaaa caaaa 255

<210> 384
<211> 255
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(255)
<223> n = A,T,C or G

<400> 384
actgagatcc gctccgactc ttaaaccagn nnctcagcca ccggagaaaa ggccggagaaac 60
cattgaggat ttaacaaat tctgcagttt tgtcttggcc tatgctggtt acatcccccc 120
tagcaaagag gaaagcgant ggccagcctn tggtcttagc tctncattgc gaggtgagag 180
tgcagcacac agtgatggct gggactcggc cccgtcggac cttcnaacta tccagacttt 240
tgttaagaaa gcaaa 255

<210> 385
<211> 253
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 385
gactgaggtc cttaatgaga tgaacggttg gaaganatgt caaatatatt tcagagctct 60
ggagttgaga atcaccttcc cgaaccaaag tccccagcag gagggaatga aaagtcaaaa 120
gacaaggaag aaccctggga aatggtgatg gacaagaaac acattcaagc tgtgncggcc 180
gcccaattac aggcaccac ctttaccagt accgagtttt tggaacatac acagatgtga 240
ctccccgaca gtt 253

<210> 386
<211> 253
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(253)
 <223> n = A,T,C or G

<400> 386
 ggccctgaggt atagcctggg cagaggccat canttactct cttgctggaa ctctcaacgg 60
 ncggacagga agcatgncat ggtctccata tatctacngn tggaggacgg cgtcatggag 120
 nngggtantg nnaccagcag aaggccctgn tggtcccttc caatgatgga ggggaacata 180
 aaatgtcttc ctgaagaccn gcngagtgcg ggnggggtgg ttataggaag aggaaagtgt 240
 gacaaaaaaaa aaa 253

<210> 387
 <211> 252
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(252)
 <223> n = A,T,C or G

<400> 387
 aaagactgag gtgggttttag ggctgaggnc atagcctggn cagaangcca tanttacttc 60
 ttgtgggaac ttctctanag gatctgggac agggaagcan cggcatgtgt tcgcatacct 120
 anannagcca nacacagaag cncctttcta ctggtaccag tagaattatn cggcggaat 180
 ngggtgccct ccccttcct tcataactgg ngtcgcaaca ataaaatttg agccttgatc 240
 agaaaaaaaa aa 252

<210> 388
 <211> 252
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(252)
 <223> n = A,T,C or G

<400> 388
 gacttgagga tacaanttct tcaggtaactn gcttcagcac cntgtccaca gtcntgttct 60
 ctgccacng gaaaatgaac ttaaaccctca ggacagnnga gcggcacacc tttaatccca 120
 tcaactcagga ggtagaagag ggtctccgtg agttcaaggc tagcctgggc taaaaagcaa 180
 gttccaggac aaccagggca tattacacag agaaacaacn naaacccaag aaataaaaca 240
 aacaaacaaa aa 252

<210> 389
 <211> 252
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(252)
 <223> n = A,T,C or G

<400> 389
 actctgatga accaatncaa gatattnaag atcntgggtat ttccccaggc agggnttgag 60
 agtctcatat atncatgggc ctccaatntg ttaagggtatc nagaagatag accantgaac 120
 ttctaagtct canggcctct aacntccaaa gtgcgtggac ngaaggngtg gtacnagnng 180
 agctaagtgt ttgatcttta ancttaccga gattcactta ccccttcctt ccctactgta 240
 taattaaagg tg 252

<210> 390
 <211> 247
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(247)
 <223> n = A,T,C or G

<400> 390
 gtactataca cctctaattcc cangaaacaa aggcaangag atctctgtgt ttaagggtcag 60
 cctgnaacaa aacaagtccc aaatccaggc atggaggaat acacctttta tctnaaccat 120
 accttctgct ggagacctac ataaggacat tagnaagaagg aagattcact nttnttgncc 180
 tgctngcatt tacttgctgg cacatctttt anaatctact tctacanaag acgagctaaa 240
 acaacta 247

<210> 391
 <211> 247
 <212> DNA
 <213> Mus musculus

<400> 391
 cacgaaagtc acagatgaaa accaagggag gctgcatctc gaggacttct tccctacagc 60
 aatgagactg gctgagtgtc tgattcaatt aagcccaccc tagtctggag agaacctaca 120
 ccacacagcc cagtgtctgt ctctgggtccc cgctgtaccc tcaccagcac taatcacaga 180
 catgtcacca tgcccacgcc acccgctcgc agaattaaaa tcaaatacct actgttataa 240
 aaaaaa 247

<210> 392
 <211> 246
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(246)
 <223> n = A,T,C or G

<400> 392
 catcccatat ctgacacccc ngggaatncc tgcncatga aaaacacccat acccaacctt 60
 actgnggcna tgcaccatac atccagagag tttgnggacc ctcaaanatg ntctctctnn 120
 ancangagcc agaaacccgg naagaactgc atggagagaa agagacggga aaaanngggg 180
 gcggcgacag ctggangtgg ngacagagct ggaaatgtgg naccctctcn ctgatcccaa 240
 tgctca 246

<210> 393
 <211> 245
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(245)
 <223> n = A,T,C or G

<400> 393
 tgagaaatcc aggttccaca tccagancta catgtacgan gtggagagat ggctagtggg 60
 taagagcagt tgctgtctct tccctgaggg cctgagttc agttctcggg acntcacaga 120
 ggaaggcctg tagcctccag ggagctctgc catctctggt ctctgtaagt gcgcccactg 180
 atgtgcacat gctcaccacc catatgcaca gaactaacca caataaaaaat aaatctttaa 240
 aaaaa 245

<210> 394
 <211> 244
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(244)
 <223> n = A,T,C or G

<400> 394
 agggcagcct ggtcagngcn ctgtttcttc ttgtggaact ctcnnaggtn gggccggaga 60
 acacaacctg caannntgng gcnnancatc cactggntnt gcnagaacgt gcccanttn 120
 aantccaaca acnacatggt gnntnacaac catccgtaan aaagatctga cgccctcttc 180
 tggagtgtct gaagacagct acagtgtact tacatataaa taaataaatc tttaaaaaaa 240
 aaaa 244

<210> 395
 <211> 244
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(244)
 <223> n = A,T,C or G

<400> 395
 caaagagacc aggagatcac accnntcant gtatgccatt gacttcctga ctcatggcca 60
 ngactcgggt nctncnggat ggtggatacc ctcctagaen cacgaggaga tcanggctgn 120
 gaatgncca tngtctatga ngctcncnt caggaccggt antgtgggat ggcgacaccc 180
 tctctatgac acacccanag atcaagccgg cnatgaanat ganctaagac atcaaccata 240
 gctg 244

<210> 396
 <211> 244
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(244)
 <223> n = A,T,C or G

<400> 396
 tgagacccat gccaaactcat ctgannagag acnacatgtg nggccttggc ctgtntctgaa 60
 catganntgt gatgtgttga atctctggna ntcanaaaaag canccaaaga agacaacccat 120
 annantncat ggatgtaaac caggaggagc naccttncan ctntgccgng angctngcct 180
 gcncagctg cttaccctgt gctccaggac aaggnccaag tgcactctggg aggctgaggg 240
 tccc 244

<210> 397
 <211> 244
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(244)
 <223> n = A,T,C or G

<400> 397
 gactgagggga gtggcattag gaggagtggg cctgtnggag taggtngtgt cacagnngt 60

gtgggctttg atnccgtggn nctaactgcc tggaaaccag tgttctccta gcaggccttc 120
 aggatgaaga tgtagaactc tcattctctt ttgcaccatg cnagcctgga ccataccatg 180
 cntcctgcct tgatgataaa cctgtaatcc agccacaagt aaagtttgtc ctaataaaaa 240
 aaaa 244

<210> 398
 <211> 242
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(242)
 <223> n = A,T,C or G

<400> 398
 agaatgaggg gaggagtngt agtcttcccc tcccccgcc tgaaacctga nngntcgggg 60
 tggagccctc nctgatcatt tcgttctgcc acgcccacnt gctggaaccc tgaggagcca 120
 cacactgtgc acctnttcta cctggaccag anattatttc ggcgggaatc ggtccccctc 180
 ccccttcttt tcataactgg tgtcacaca ataaaatttg agccttgatc agaaaaaaaa 240
 aa 242

<210> 399
 <211> 241
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(241)
 <223> n = A,T,C or G

<400> 399
 gactgagaaa ggaggnccggc cagntcctcc tgccttcttg nnatgtangc attgcntngg 60
 naagcattgn tngagagatg tgctagnгаа ccagnnagtn tgganggcct gctgtataac 120
 tgtttcttcc anaaaagccc taacaaaggg atcnttaacg ttttttttcc tccttctacg 180
 ttttcttgn aggctatcag cctttgtata atgaaatgtg agctntgctt tgtttaaaaa 240
 a 241

<210> 400
 <211> 241
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(241)
 <223> n = A,T,C or G

<400> 400
 gacttgagaa tctgctttct nttgacaaaa ctnttgagct tntgngcggc ctcanacntg 60
 cntcgtctt tannggtacc ntacacnttc cntgccctcc tcttcttacc ntacccacac 120
 agtaggactt caaggaacag ttccacagca ttntctgtga tatgctatct tgccacagnc 180
 canaancaac aaggtgaatn aaccatggat taaaggctcn aaaaccatga gccaaaatta 240
 a 241

<210> 401
 <211> 239
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(239)
<223> n = A,T,C or G

<400> 401
gtgctctccg cctcctgcct acntgtttga aatgtgaaca tctcaacctc tgctgctgtg 60
ncttcactct gccgctgtgg actccnactc tctgaaaatg gattcangca ngctgccatg 120
catggcattg ntcacatggg cccactgggc tctctgcctc ctgcttgctg tgtgagatgt 180
gagccctcac ctgtttntgc cagctggggc tttgtcctgc catcatggag tatagggtt 239

<210> 402
<211> 239
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(239)
<223> n = A,T,C or G

<400> 402
gagctgctgg gacctgaacc cgggacctng tggaagagca gacnancgct ctcattccact 60
gtagccatct tgctcagccn cctttntttt gttttnaata accttagang gacaggntct 120
nantatgtn gcaaccattgg ccttgcaat catataaanc ttgaggaaac atctggagna 180
cattgaaata tgcttcacaa agaaacataa tgaataagcc tgaagttaat aaaaaaaaa 239

<210> 403
<211> 239
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(239)
<223> n = A,T,C or G

<400> 403
catgtgcttt ccttagcatt ttgggggtnt ctaangttct acctgggaaa gaganacttt 60
gtaccgaatg ctncgtcact caccangcac gtgtgncgta aatcacccgg ntaaagccag 120
gaattncatn tagncangng anagatgggg anccccangg atgattttnc caaaacgana 180
ggcgancngc attgtntcnt gcgaaaggtc caggcccntg gtnaagaagg gcttcaacg 239

<210> 404
<211> 239
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(239)
<223> n = A,T,C or G

<400> 404
ggacacagga tgaaanatan ttacatcagg attacagcct ctacangang accatgcntt 60
naacaactan cctngnggga ctgaacanct actagatttt tggacttccc gtccacagnn 120
gcncattgtt ggggagttga nctgcancac atntgttgna acatgtgngg gaaatgttgg 180
ggnacattta catctacatg tatactctta cacacgtgca caaacgggaa catgtacac 239

<210> 405
<211> 237
<212> DNA
<213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(237)
 <223> n = A,T,C or G

<400> 405
 gtgcgggCGT actcactccc ngTantgcac tncaggcctc cggccttcnc tngntacntg 60
 aaagananca tacaccttca tganaagtaa cttaattttc ccagtGagtg ctgganagat 120
 atcttagcaa ttaananatg ctTgctgttt aatcatgagg acccaagttc agatcctagc 180
 acccatgtaa aaaacattca cctcacaat gaaataatct ttattcaaaa aaaaaa 237

<210> 406
 <211> 237
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(237)
 <223> n = A,T,C or G

<400> 406
 aaactacaga agctggggag tngaattata cctntancan ngattgcctc caaatnacnc 60
 acngacnagc ctnattcacc agaacaacca tgaaccagta aactgnnntt aggtctgcag 120
 gacacagcaa ggaaacatcg agtgcttgac ttttccttc agcccagcca gggagacnng 180
 tcatccttga ctcanaagag actcactaat taataaaggn ggactcacia cttccat 237

<210> 407
 <211> 237
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(237)
 <223> n = A,T,C or G

<400> 407
 acttatgact ctcccactga aggccacctg cccacnctng tgactnngag ngnnctnacc 60
 cccacaagg ctTcatgtta aaatgcttag tcaccaggga gtagaactca ttgaaaggac 120
 tttgaaagac gaggaggtat ggcccttggt ggngaaagta tatcattgg gcatgnctag 180
 agattttaag agcacatgtg cctctttgtc tctccagaat ggatcaggga tgtaact 237

<210> 408
 <211> 236
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(236)
 <223> n = A,T,C or G

<400> 408
 gacttgaggg aggagatgta gtctcccata cccnagcgct gagacctggn tgctcggggg 60
 ggaganttct cngntncgtc gttctnacac agccccntgc tgnCGnctga ggagccacac 120
 acgtgcacct nntcnnctgg accagagacg tnttcggcgg gaatcgggtc ccctccccct 180
 tccttcataa ctggtgtcgc aacaataaaa tttgagcctt gatcagaaaa aaaaaa 236

<210> 409
 <211> 235
 <212> DNA
 <213> Mus musculus

<400> 413
 ttctgtcaggg agggantgag acccctcttg aaagtcentat tgacntttct tgaagggtnt 60
 ttttcagcca gtttgtaaaa taaactttac nttaatcctt ttctttcccc cggactntgn 120
 cattaaagcc tttaaatttt caacaaattg taacacattt atttaggaat tanagttgga 180
 tgtacttttg tatattaaag tccatatgtt ttaagccctt atgtaaaata tgaa 234

 <210> 414
 <211> 234
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(234)
 <223> n = A,T,C or G

 <400> 414
 gaccttgaac atgggcggtg cctgtgagtg ctggggagga caacgatgag ctcatgtgata 60
 acttgaagga agcccagnac atccggacgg acttagtaga gcaggctttc cgcgctattg 120
 aacaagcaan aaatgatctt gaagaatcta nngaaaatgc atacnnagac tnggcatgga 180
 aacatggaaa tantcatctc atcagcgccc ggtgcntnta cctctggagg ccga 234

 <210> 415
 <211> 233
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(233)
 <223> n = A,T,C or G

 <400> 415
 ttagtatcaa ccacctgtca gggaagggtt tgnctctag cacaagccat gacagctttt 60
 gcagnctgcg gagtgccacg gtgcntgcgg cnccttcttg ctagatgagt ccctgattnc 120
 tgagcaaaacc aaagnggacc acttctgggg tctcgatnan natggggacc ttaaggggtg 180
 gaaatttaaag ctgccactca gggaaatggt gaactggcag cagaggtggc aaa 233

 <210> 416
 <211> 232
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(232)
 <223> n = A,T,C or G

 <400> 416
 gactgaggtg gggctctttca agctgtcatc cagtctggtt tagccgcgcc aagacttggt 60
 cctccgcaag catcaaggac tggctctttc gctcatcttc ctccccgaa ccatgcttta 120
 agccagcttc tcgctcccc gcttgccagt cttgtacaga aggggtcccg tgcaggctcc 180
 atgaatagtt agagaagctt tggatctacg tgnnaaaagg gcggcctgtt ac 232

 <210> 417
 <211> 232
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(232)
 <223> n = A,T,C or G

<400> 417

aaccaatcaa	acgtttctagt	ctntcncgag	tcctcctttc	taagccnaat	agtcnacagc	60
angtnttcaa	aataatatttg	atnntgatgg	atttttgtat	ggattttttt	cctaagggta	120
ataaaatgag	gacgaatgca	tgaacaaggc	ttatgaaaaa	taggacagag	gtggctcanc	180
ggntaagagc	actgactgnt	ctgccagagg	tnccagagtt	cattcccagc	aa	232

<210> 418

<211> 232

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(232)

<223> n = A,T,C or G

<400> 418

acctgactac	ttgttcncgg	ggggtagnct	ggngtacacg	gcctcagcga	gtccgtagnc	60
cncgcnnngct	tcntctggag	ntccctgngt	tccttcccc	gccnccccac	tggtggcctc	120
ccnccctct	gtaantgggn	tcnngntaca	cctcttctgg	tgtgtctgan	nncagccaca	180
gtgtgctcct	ntacataaat	aaataaataa	ataaatcttt	aaaaagaaaa	aa	232

<210> 419

<211> 232

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(232)

<223> n = A,T,C or G

<400> 419

atcaatcaca	ctgcagggca	ggccctatnc	tcaagatatt	tgtctaacat	caaananaac	60
tcagctgant	ggatnggctt	tgctctganc	taccctgcc	cnntanagg	gtnnctntga	120
naagccctgg	ttgtcctgga	acactctctg	tagaccaggc	tgctctcgaa	ctcacagaga	180
tctgtctgct	tctgcttct	aagtgtgaga	ttaaagacac	gcgtcaccac	ca	232

<210> 420

<211> 232

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(232)

<223> n = A,T,C or G

<400> 420

gaactgaggg	aggagaagta	cacctccct	ccccaccct	gaaacctcgc	tngcncnngg	60
ngnggagntc	cntgatcatt	cnnnctgna	cgcncactgc	ctggaacctg	aatgagccac	120
acactnnccc	ctttctantg	gaccagana	tattcacgtg	ggaatcggn	cccctncccc	180
ttccttcata	acgtggggnc	gcaacantat	aatttgagcc	ttgatcatga	ag	232

<210> 421

<211> 232

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(232)

<223> n = A,T,C or G

<400> 421
ctcatctcac accatgtnaa cacaganatg acggtcctaa ccagnaacag aaaagaggac 60
atgccaggca tgggtggncac agntgccnca gccggcaggc aaagacaagg tttgaaaacc 120
cttgaccatg ctgtgcttag aggcagcttt gatgctaagc ttttatttac ttttctgtca 180
gtcnaacttt ttggatatgt aggnntgcct tctgacatta acttaggggg ag 232

<210> 422
<211> 232
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

<400> 422
gactgagttg ctactgtgat tcgtcagcat gggccacagg catggggctg gagagatggc 60
tcactgtttt aagagcactg gctgccgctc ttgcanagga ccaaccagtg ttcaattccc 120
agcacagaca tggaagctca caacggtctg caacatccag ttccaggga tctgacaccc 180
tcacacagac atacatgcag gcaaaacact aatatacata aataaaaaata aa 232

<210> 423
<211> 230
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(230)
<223> n = A,T,C or G

<400> 423
gactgagggg ggagatgtag tctnccctcc cccaacctga ncctgcttgc tcggggcgga 60
gcnnnctgct aactcnntnt accacgcccn ctgantggaa ctctgangag ccacacacgt 120
gcacctttct actggaccaa gagantatct cgggctgnga atcggnnct cttccctctt 180
tcttcataa ctagggtngn gagnaataaa atttgagcct tgatcactag 230

<210> 424
<211> 229
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(229)
<223> n = A,T,C or G

<400> 424
actgagagca gcatgancgc ccgggtattc tcccagctgc aatcacggng tntgtttcct 60
gaggaggagg aggaggcana angtgaanag ttngncnatt actactaggt ccagatctct 120
gctttgcang tgtgggcntg tggacagagc cctgtatcct tgntgtctat aaagcccga 180
gaagactgga aaangcgagc agggncctta catggattgt ttaaggct 229

<210> 425
<211> 229
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(229)
<223> n = A,T,C or G

<400> 425
ctgattgaag ggaattaggc taccaagcaa gtncttttct ccaaaggccg gttacgtgga 60
actcagctgn tcaaacccca taaaggaaag gcagttcgnt tgntgaagg tagaagacag 120
aaacaaggtn agnagcaaga gcctangcct ggncacaaat gcattccnaag ccgnaagagg 180
ccagaccct nttgaggagg gntccctnt ntccagtcca aagagtacc 229

<210> 426
<211> 227
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(227)
<223> n = A,T,C or G

<400> 426
ctccacaggt gtacctgaga gacttntgta cacacacaca nataaataa taaggcangg 60
ccacgtggta ggcgaggagtg cacttttna tctcannnt ttanggggna nanacagcag 120
ttcaaggccc tcttggtnta catagttagt tccaggccan ccagggtac acagtacaac 180
cctgtcttgc aaacaaacna accatcaaata aaataaataa aacaaaa 227

<210> 427
<211> 227
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(227)
<223> n = A,T,C or G

<400> 427
atatctggcg aagaggaagg nggcccccca agtatagcac ctgggagcca gannagcaca 60
tcngggancn tngccttgn cctcccctnc ttcgatcggt caacctcttt tgttcagtac 120
agggtaacgt tgaagctaata ttgaacctac ntggatatct gactggagcc gcaganncan 180
gatcttgnat tgttcnttac ntgaaacaca gcattggaatt aacatta 227

<210> 428
<211> 227
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(227)
<223> n = A,T,C or G

<400> 428
gggcccagacc tgaagccagg gacctctggc actccttnnc tgnctgtct tctggccttg 60
ncacacctgn ntgcctgtgt cacaatcttc canngcanca aggnanagcc attcgtatng 120
canatnccn anaanatcan cgtantactc taanatnctg gaggacatga aatagcctta 180
ccaattgcac ccggtaatat caatactcta aaaattacat cactaaa 227

<210> 429
<211> 226
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 429
 agatattgac acagttactt tggaagtata acngcattgt tcgctttnaa naatctctta 60
 ctnacaacgt naacngngac ttaanggttg actacaactt nattctnggn gggggctagn 120
 cagcgccggc ccntctgaac aancnggggn naggcntggn ctctgagatg aggatggagc 180
 ctaantgggt gccactcctt aaggaaccna tcttaacaga aatata 226

<210> 430
 <211> 226
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(226)
 <223> n = A,T,C or G

<400> 430
 taccatatat aggaagcctn gatgaatnga gccgnccant ggggcatccg gaacgcgctc 60
 nttaanacgc acactctgng aaattacacn atcntctctt gccttcctgc atagagcgtg 120
 agatnnanan gctccgtgaa cagtggcgca cctccgtgaa agagaagggg acggagtcnn 180
 aancacccan ataatannt tttntttata aagagcaaaa agcttg 226

<210> 431
 <211> 225
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(225)
 <223> n = A,T,C or G

<400> 431
 ggacgttttag gtgacttcag caacacagct ttcctctttg ccaganaagc ggggttgccn 60
 tctttctcaa gcgctcgaag agnntcggga agcntggaga aaggaaaatt ttccaagtaa 120
 ataataccca aacaaaagaa gtagaaaatt taaaaagtgc accanaacaa aggaataagg 180
 aattataaac tagttttaat tatatcanca ggaagatttt caaat 225

<210> 432
 <211> 224
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(224)
 <223> n = A,T,C or G

<400> 432
 cctcccttgc atccaaggca tatttctctg agaggccaag ggcacttgga tacttgctga 60
 ctacatactt tccgctccag gccaaagtct ggaaccatca tcctctgaat ggacagngac 120
 agatcagcct atgacatttt catgtgggtt tatgttataa aaagccaatc caaaagagcn 180
 ngacgtgatg aaganagagg antgcanaaa ccaaatttga gacc 224

<210> 433
 <211> 223
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(223)
 <223> n = A,T,C or G

aactgggtggg acaacactaa aatttgagcc ttgatcaga

219

<210> 442
<211> 219
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 442
gactgagatt agtggagtag ctctgntcca ccatgaccag gtgggctaga gttactactt 60
caaatagtaa gcgacccttg tcagcaacat catgggagga catgaagaag gggctctgtg 120
agagagcaga ccaaagcctt ccaaatacga agcagtgtca aagcagtagg ctgcccctta 180
gaaatgactc acctcaagca aaacgcaaaa agaacaaaa 219

<210> 443
<211> 218
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(218)
<223> n = A,T,C or G

<400> 443
agggagaggg catgtccatg cctgggcntt ggtggaggag gaccggaann naattcntag 60
gngccgnatg gctgntntna accgtccaag attttagtnn acaggaattg ggcgccctct 120
nntggcctnt gctggcactn gcaccanaag taccctnang agcccctggg gctgacagna 180
cagttccctg tctgatctgg gagtatggga ggaaagaa 218

<210> 444
<211> 218
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(218)
<223> n = A,T,C or G

<400> 444
agactgagcc cgagatgacc aacaanttcc ttctgaaacn gccgccacct gttctntccn 60
gcaagnngnt ggccatgcgt gagagcacca cagccttgcc catccatccc cgcctntccga 120
ggttttcact cctcttaact cctgctcttc tttctgcct tcacntccac tctcctccca 180
ccctgataaa ccttggttctt agatctgaaa aaaaaaaa 218

<210> 445
<211> 218
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(218)
<223> n = A,T,C or G

<400> 445
gactgagtgc aagatgtaca cattgttctt gtttcttacc aatntgcctt cncctctgcn 60
ttgtggacng tggccctctg gaacnnttaa gcccaantaa atccctcnn tggacaagtt 120

gncttgntca tgttggtgta tcacagaaac aaaagaatgt aaccaatata accacctgta 180
 taaaataaag gtctaactac acattcacia aaaaaaaa 218

<210> 446
 <211> 217
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(217)
 <223> n = A,T,C or G

<400> 446
 tcacggcaat gaacattntg tgatgatgat ggggggacag aanggactag cgtgtgacac 60
 actngacac accgnanctn ccacgttgng cagnnntn agaaagctaa nggctacttg 120
 gagtgggtcaa gtccaaagcc agtttgggct atgtagagaa ttncagacca gtcagagcga 180
 cacagtgaga tccaggctca ttacaactct gaccacc 217

<210> 447
 <211> 217
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(217)
 <223> n = A,T,C or G

<400> 447
 taaccatgat ggctgacact agaccgcgta agtatagaca gctatcaaga tggacagcaa 60
 ggtnaggccc tgacttagtc tgcacccgta caaccgccag gcgacctgac agtgaattca 120
 gacagcactc tgagcactct gtggctgttt agcctccagg agcttgacaga tcctacttta 180
 aatacattag acatccatta ctatcagaaa aaaaaaa 217

<210> 448
 <211> 217
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(217)
 <223> n = A,T,C or G

<400> 448
 agactgagtc atgacagggtg cagcaaccac gcccgctccn tcaactactac atgaacagca 60
 acaccagcgt cccctgaacc agagtcacac tgtcttgaac ctcttgact cctgggtcca 120
 ctgcctagat gcggccgacc ctgtagcagg tgctcagggtg cacacaggcg cagcacgaat 180
 gaataaaatg aatgaaagaa cctgcacaaa aaaaaaa 217

<210> 449
 <211> 217
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(217)
 <223> n = A,T,C or G

<400> 449
 aatagagcgt cctgttacna gcagaggatc ngatgctaaa attacntttc caggttggtt 60

<400> 457
agactgagta ttggctggca cccgcaaaaa cccttgcagn ncacanggag ctgngcaaca 60
ctggacctcc nnnnaccttt gtnntttggt nntaanntct tntgctgaag cgccatgtan 120
actcaaagaa gaaataacca cgggtatacgn acttgacctt tatntttgaa taactgcanc 180
cagnatgaan ggctgtatta aaagtggatt aaagg 215

<210> 458
<211> 214
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(214)
<223> n = A,T,C or G

<400> 458
ggtgttcccc caggttnttt tttggtttnc ccaaaaaaac tttaacctta aggtttgggg 60
aaaaggnaaa nggtgcccc tccccntnt nttgcaattt nccccccann 120
aattccttgg gccttttttc ccccggggnnc ttgggggggan ccnccccaa aaccctaatt 180
ttngggggggg ggtttcnntt taaaaaggaa aaaa 214

<210> 459
<211> 213
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(213)
<223> n = A,T,C or G

<400> 459
gttgcttttg tgtacaccac attggctgaa caattcctga cactcctggt ggtgcctgct 60
atcgaaaaag actatgggta ccagactgat ttcacccaag tatggaacac tacaatggaa 120
gagttgcatt gctgtggcct taacaactac acagatttta atgcctcacg tttcgtcaaa 180
nagaataaag tcttcccccc accctgttgt gcc 213

<210> 460
<211> 212
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(212)
<223> n = A,T,C or G

<400> 460
tcatgagtac atagaanagc ttaataaacc acatttnata ntanctgata ctgncttttc 60
agaataneng aaatagnnaa tcctgtntt gtatacccaa cacctaccnn gcanaacaga 120
atcatatnat tccacaatat taccacatta atcaagtng gtgntcaacc aaagaaattt 180
tgagacatta ngatctttta ttttttttt at 212

<210> 461
<211> 212
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(212)
<223> n = A,T,C or G

<400> 461
 caaaggaagc cctgcgannc cccaactnag ccacggagcc gntggngtca gcgcganccc 60
 caacctcanc cacgangcca ccgcagcaan ggctcgctgt catttcanaan gtcgttgagc 120
 gccaagccct tgccattctt aggcattgcaa tccgggaaag ccaggcacac agtaggtgtt 180
 caataaatgc taaaagcacc gaaaaaaaaa aa 212

<210> 462
 <211> 212
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(212)
 <223> n = A,T,C or G

<400> 462
 cttcctgggc cgctttccga acacttntgg gacctgggag ctgtccctnn tcnnggccaga 60
 cccccngncc cctgattnct agntccgcac ntgggtctcg ngccgtggcg gacgggccgg 120
 cancgccccc ccgnggaggc ggtggcctgc agatganngt tgntggggcn tgtaaccttc 180
 agcctctaac aagttcttgt ggccttttct ga 212

<210> 463
 <211> 212
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(212)
 <223> n = A,T,C or G

<400> 463
 agacttgaaa aaggtctcgg ggcttggcgn gntggctctg tggttangnc gtgccgantg 60
 ctcttccgan ggtcccngt tcaantccca gcaaccacnn ggtggcctca caaccatccc 120
 tnantgaaat ctgntgccc tcttctggag tgtctgaaga cagctacagt gtactaacat 180
 ataataaata aataaatctt taaaaaaaaa aa 212

<210> 464
 <211> 211
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(211)
 <223> n = A,T,C or G

<400> 464
 tctgccccag cagctcagga nganggagtc tcgnatnttt ggaggtgagt gaacactctg 60
 anncangtac gctanttatn ncctacanat tacatagtan ctnangagn cagtagtagt 120
 ctgatactaa gcccanagcc cntgcattca tncctgaggg gcagntactg ttggcnaaaa 180
 cgcattaaac aaatcctctc ctcttcaaaa a 211

<210> 465
 <211> 211
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(211)
 <223> n = A,T,C or G

<400> 469
 aacctgtgta tcggctccta actaaatcaa aatgtttgaa atcagaagat catgatcgaa 60
 cnacactttg ngctggnnagc tgtgnctact gngtanactn cttncnttac agnggagggga 120
 ctgncaggat gcgttnccctg gngtgagcnt tccccctanc cgacaagact ntntacaagc 180
 ttggtggtttg caataaagta atgcgttaag g 211

<210> 470
 <211> 210
 <212> DNA
 <213> Mus musculus

<400> 470
 gactgagagc tgagctcttt gcctggcctg gacacctccc tcacaaaggg tggtgggatt 60
 cagctgaggt aaccatcaga tcctgtgatg tcctgagact ccccggtggcc tgagactccc 120
 cgtggcctgg ctgaagtcct gctggatagg cagctgtagg aaggggcatt gcagagccga 180
 gacaaaagggc aagagaaaaa aatacaccgg 210

<210> 471
 <211> 210
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(210)
 <223> n = A,T,C or G

<400> 471
 gaaaggcaga caggaangac cnactccctg ntccctagca caggcacaca gttactccaa 60
 agtcaaagtc cccccactg ctngagccca gnggggaagg aacaaaaaca tggctgaata 120
 gactactcag caagncaagg ctttncanna naacctaaaca acaagagctc tatccctggg 180
 ncccacacac nagaagaaga gggagagcca 210

<210> 472
 <211> 210
 <212> DNA
 <213> Mus musculus

<400> 472
 gactgagggc tgtctctaga cctggggggac gcaccccgagt tccaacacct gctgtcctgg 60
 gactggcttc tacttcagag ccaccagcac atcgtgccta agcatttttc gtttttttaa 120
 aggagaataa aggaacatta gttttcagat ttttttttta aatgtagaca aaagtttagca 180
 agaacgagggc cttccgtgtc tttttttttt 210

<210> 473
 <211> 209
 <212> DNA
 <213> Mus musculus

<400> 473
 gactgaggag cgggatgagt cagctatggc actgaaaagc ccacggggagt gatgactcag 60
 ggaagctgcg tctctggagg tgcctacaag actccaaagc agctcatctg ggcagggtac 120
 ctccctcctca gccttcgctg ttgcatgtat aatcttaagg aaggggtgtg gtgtgtatct 180
 ttaaagtttc agcttctgaa aaaaaaaaaa 209

<210> 474
 <211> 209
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(209)

<223> n = A,T,C or G

<400> 474

gactgagggga	ggagatgtaa	tntgccttgc	cctagcctga	aaccngcttg	ctcaggggtg	60
ganctntctg	ctcattcgnt	ctggcanecg	ccangtgcg	gnaacctgag	gagccacaca	120
cagtgcacct	ttctactgna	ncagagatta	ttcngncagg	gaatggggga	ccactncccc	180
ttccttcata	anatggtgtc	agaacaata				209

<210> 475

<211> 209

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(209)

<223> n = A,T,C or G

<400> 475

actgagggga	cgaaggccnt	ccttgaggaa	gatggagggg	ttccacatgg	ctgctcgagc	60
caccatcgca	naggaggcag	ccgtggcttg	tcgaaagtct	tctatgncca	catgntgctg	120
gatngngnca	tgagatcctc	cgctaaaagg	caataggggc	ttgagagaan	cccagatgatg	180
aacctaccan	tgtttccaga	aaaaaaaaa				209

<210> 476

<211> 208

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(208)

<223> n = A,T,C or G

<400> 476

cgactgacac	ctgactacat	gaattactgg	atnggcagat	ttgnnctata	ttnagcacng	60
aaatttgntc	tttatnagaa	ngaattacaa	ttaatattan	agtgnatgtc	gcacaccntn	120
cgagaatggn	tgcgtngtgn	cgccaacagc	anagagagtt	actgagctgc	gttactgncc	180
ngantagccc	aggatgaaga	ggaggagg				208

<210> 477

<211> 208

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(208)

<223> n = A,T,C or G

<400> 477

gactgaggta	aatcaacatt	ctcgaggcgg	nccagcgatg	tacatccccg	ccccctaga	60
gcacacaggt	ggctgctgtt	atctccattc	tcaagacatt	ccagcacgtg	gccttcagtc	120
tgatttagaa	attaggttta	ccaagagggc	tagaaaagta	gatattttcta	tattaataaa	180
ggttggtttt	tattttgaaa	aaaaaaaaa				208

<210> 478

<211> 538

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

[illegible]

```
<210> 479
<211> 207
<212> DNA
<213> Mus musculus
```

<400>	479						
aactgagaat	ggtgcttttg	gccctggmnt	gacgcggcct	gntggaggca	ggggangagc		60
gcgctctcgc	gcnttttgcca	agcctgtntg	cncnanaacg	gtgctcctga	acggaaaagaa		120
ntttctggcg	gacctcttcn	tcttcntgca	gaagacnang	cnanccaanc	tgctggaatt		180
qacatgcang	tgcccttcat	tatttct					207

```
<210> 480
<211> 207
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(207)
<223> n = A,T,C or G
```

<400>	480						
gtgaagtccc	cttgttgccct	aagcttgntg	acctgagttc	catccctngg	acacacaagg		60
tagcangana	aaaagcagat	tcccagagtt	gtcttctaac	cttcatacac	cagctcccca		120
aatanatgtg	atataaataa	attttaaag	gaaaatggcg	aggggtgcc	tcaacattat		180
ntggttttaa	ataaaaagaa	actgtgc					207

```
<210> 481
<211> 207
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(207)
<223> n = A,T,C or G
```

<400>	481						
ccagtggtaa	aaaggcctnt	tctctgacng	aaggccgnaa	natgnannng	tncaaggagg		60
taacagccag	cgtgtgtnaa	gttgacaata	atcaacagga	cagtgagaga	ccctgttcca		120
aggggtggaga	gggatanacc	angacacccc	atatctcctt	tgaccntcac	angttgtcca		180
caanncacat	acactttctt	caaacat					207

<210> 482

[illegible]

<400>	482						
agacttgagt	catgannngt	gcagcaacca	cgccccgcctc	nntcattngt	anngganacag		60
cancaccacg	gtccncntga	nccagagtca	cacctgtctt	gaacctcttg	tacctcctgg		120
ctccacctgc	ccangatgcg	gccgaccntg	tagcaggtgc	tcaggtgcac	acaggcgcag		180
cacgaatgaa	taaaatgaat	gaaaga					206

```
<220>
<221> misc_feature
<222> (1)...(204)
<223> n = A,T,C or G
```

<210> 484
<211> 204
<212> DNA
<213> Mus musculus

```
<220>
<221> misc_feature
<222> (1)...(204)
<223> n = A,T,C or G
```

<400>	484						
tagcctgggc	agaggccana	ttnacttggt	ggggnactct	ctnaggngctc	gacaggaagc		60
anggcgatggn	tccatatatg	tactgcctcn	antctgntga	attnctagct	ngncaccccg		120
gnnatcgaag	gttcctatnc	ggaagctcct	attttctaca	aaagtanagg	aaccttctcg		180
acctgcaggc	atgctggcca	gagg					204

<210> 485
<211> 204
<212> DNA
<213> Mus musculus

```
<220>  
<221> misc_feature  
<222> (1)...(204)  
<223> n = A,T,C or G
```

<400>	485						
agactgaggt	tattttatgg	ctggcgagga	ggctnaacag	gtaagggcac	ctggagacaa		60
gcctgatgac	ctgagttcca	gcctnaaggc	cagnatggag	gacggacagc	gccgcctnca		120
acttgnccct	tggctctaca	caaacacaca	caccataaca	tgtacattcc	acacacatac		180
cctacacaca	tacaaaaaaa	taaa					204

<210> 490
 <211> 202
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(202)
 <223> n = A,T,C or G

<400> 490
 ttcggagacg cctgcacctt gcttggaggc cccggcctcn gcaggatccc gccccctcan 60
 aggccgctgc ccctcggagc ccgctctnct tcgggggggac ctttcctacg gatgacactg 120
 ctacatccgt gtgttccccg agccccctcag ngctgcaccc cctcctcttt gngttcctct 180
 nactaaaaga gacctggcag ag 202

<210> 491
 <211> 202
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(202)
 <223> n = A,T,C or G

<400> 491
 gaccctctcc gttgcnagca atctcaagan cctccaaacc tctttccnnt gctnacntgg 60
 antgtccaca ctggnttctg ctttcttntc gaataccttc cctaaagcat tctcaaacac 120
 aaaacaacag tatctgggtc taagtacagg gataagctct ttaaactctaa aataaaacca 180
 aaccaaacca aaccaaaaaa aa 202

<210> 492
 <211> 202
 <212> DNA
 <213> Mus musculus

<400> 492
 aagactgagg tcttgtctca gcttgtgcct ctgcctcagc tgacatcatt ctgccaatca 60
 gcccaagtca gcaaaagcag caaaaaactg cagcacacca ctagaagttt tttgggtgcat 120
 ttctctctat ggagtcctga aaaatgcaac tcaacctacg caatgcaagg tggaccaata 180
 caagcgtggt gtcagcaaag aa 202

<210> 493
 <211> 201
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(201)
 <223> n = A,T,C or G

<400> 493
 gactgagaaa atgtaaatgt ttgaagccag ggcgaagtgg tatatgcctt taatcccagg 60
 actcaggagg caatggcagg tgaatatctg agttcaagan catcctgttc tatgaaatga 120
 gttccaggac agccagttct acccagagaa attctgtctc taaaagccaa taaataaaac 180
 cctgtctcta aaaaaacaaa a 201

<210> 494
 <211> 201
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(201)
 <223> n = A,T,C or G

<400> 494
 acagactgag ttatttttgg ctggcaagat ggctcancag gtaagggcac ctggaganaa 60
 gcctgatgan ctgagttcca gcctcaaggc cagcatgggtg gacggacagc acgcctccaa 120
 cttgtccttt ggcttacaca aacacacaca ccataacatg tacattccac acacatacct 180
 acacacatac aaaaaaataa a 201

<210> 495
 <211> 201
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(201)
 <223> n = A,T,C or G

<400> 495
 tatttgctg caacgctcga cctntgctta cctncacctt actncangaa ggccantccc 60
 cacatgcata tnccactgaa gaataaagag tctattgaag gnancctaaa aggaantang 120
 ngngangggg aangggcctc cctcttctt tataaagcat gttcgctgac attaaagggtg 180
 aacctgatca gaaaaaaaaa a 201

<210> 496
 <211> 201
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(201)
 <223> n = A,T,C or G

<400> 496
 actgatccag agactgctgg cncagnaaga agcttacctt ctntgnaatn tgaagccnta 60
 gcaagcanng ccttntgacc tcacagaaca ccatggcttc ttagaagagc actgccagnn 120
 agtctgcgct tgggggggaaa ngatgaacat gtatancgtg cntccatttg actaaccag 180
 nctacattgt gaaaactaac a 201

<210> 497
 <211> 201
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(201)
 <223> n = A,T,C or G

<400> 497
 gaggtttttc tgcaggctac cagaaaggctc agggggggcac tcggcaggaa ggctggccccg 60
 gggcagctgc aggggctggg ggggtgggcaa gatcagatgc ctctgtgtca gcccatgcag 120
 gacagccaca aatgcccctg tccacaggng caccgccagc aaccctaggg ctcaggcaag 180
 acagcagccc tgttgaattt a 201

<210> 498
 <211> 259
 <212> DNA
 <213> Mus musculus

<400> 498

actgagagag	aaatgcacca	aacaacctct	ggttgggttc	cagctgcttc	ttgctgcttc	60
tgtggactcg	tgcctattgg	tggagccttg	aagtttcttc	ccgatcaagc	tgccactgtt	120
gattcatgat	aagggtttctc	tgcgtaacct	tggctgtcct	ggaacttgta	gagcagactt	180
gtctcgattt	tcagagatcc	acctgtctct	gcctcctaaa	ctatgggatt	aaaggcctgt	240
accacttcaa	aaaaaaaaaa					259

<210> 499

<211> 201

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(201)

<223> n = A,T,C or G

<400> 499

gactgagttt	aattgggttg	ggccagnaaa	ggaagaggcg	tgactatcaa	gccaacaata	60
gatgatgaat	gagatgatac	attnggatga	aaccaggaat	tttttcataa	cagtcttaga	120
gatattttca	aatctaaaaa	gtaggacatc	taaagaagga	aataaatttc	acagcttatt	180
attatattag	taaaaaaaaa	a				201

<210> 500

<211> 200

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(200)

<223> n = A,T,C or G

<400> 500

cccagggttt	tctccgcngg	cgaggcnntg	cgngggccgt	aaccgctnnt	gcggnccnc	60
tccgtgttac	ctggaaaaan	taaaacctgt	gaacgncnct	ggaggcntgn	gcagatgcnc	120
ctgccggttg	gnagnngncn	cctggttttg	ctacttagaa	agcatagtaa	aattgataat	180
ttggtctatc	aaaaaaaaaa					200

<210> 501

<211> 200

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(200)

<223> n = A,T,C or G

<400> 501

ttaattccgt	aatgcctanc	ccctcgcata	tgcccacctc	accaataanc	tgctgtacct	60
tgttcaacaa	tcatgtatct	acaatcatca	ttcttanagg	atccantnaa	tcaccannt	120
ccctcatcat	atncatctct	tatttcattn	ntatntctc	atacncgtta	tccctttgat	180
atcatccttc	acctccctct					200

<210> 502

<211> 200

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(200)

<223> n = A,T,C or G

<400> 502

tctgaacttc agcttccttc atcataccat nacttgtggn tnnttttttg gnaaaggatc	60
cccttggttac agtcatttga gcatctagac agaatatcca ccataancc tcaactcaant	120
acggnnnnnn anagggccct agccaacca ttgacagtnc ttctntagnc cttaatagga	180
anaattttga cggaaccatg	200

<210> 503

<211> 200

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(200)

<223> n = A,T,C or G

<400> 503

actgagggac tgaatagga gtctgtgcaa gtcactgctt ggggtctctc ttcttctca	60
cctcntaaag tggcactcag tagttcccca ggacaccttc caaccactg acttctgagt	120
gttggtctc tacagagaca attttatcca acaatttctt tccaaatttt aataaaaatc	180
aatgacttca aaaaaaaaaa	200

<210> 504

<211> 199

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(199)

<223> n = A,T,C or G

<400> 504

acctgaaact gcttactcag ggggtggagct tgccgctcaa tcgttctgcc acgcccactg	60
ctgnagcttg ccgctttgct gtttcgaagc catcacngtg ttcacctgca accttactcc	120
tanattattt ggcggnaatc ggccccctcc ccttccttca taacggagtg ctggaatagt	180
aaaaattgaa ccttgagca	199

<210> 505

<211> 199

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(199)

<223> n = A,T,C or G

<400> 505

caggaatgag aaggaacggc tcccccttcc tgaatcagca tggattgctg tttctacctt	60
cccgcagtcg tacatctgcc aaccggattt tccaaatcaa acaggaagaa gggatggata	120
tggcaattag agaagcaatg catgagaggg acatgcatac tgcaatgcan atagtcggag	180
tacggaacaa tgtctaaat	199

<210> 506

<211> 198

<212> DNA

<213> Mus musculus

<400> 506

gactgaggct tggctccgc agaggctatc cccaagcctc agcagcttgc ctgaggagtc	60
--	----

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	

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<220>
<221> misc_feature
<222> (1)...(195)
<223> n = A,T,C or G
```

```
<210> 516
<211> 194
<212> DNA
<213> Mus musculus
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```
<220>  
<221> misc_feature  
<222> (1)...(194)  
<223> n = A,T,C or G
```

```
<210> 517
<211> 194
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(194)
<223> n = A,T,C or G
```

```
<210> 518
<211> 194
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(194)
<223> n = A,T,C or G
```

<400> 518
agaacttgag gttgcaggna attgctttga agcctatggc acntgctacc acgtgccacc 60
gaagcgcggn tgngcagagg gccctgcag caccacctgc aaatgtgcaa tgccttctgg 120
gtttcntggg nttttgtttg ttttgttttt cgttntntaaa gaatttataa gaatttttgc 180
atttcacett tgaa 194

<210> 519
<211> 194
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(194)
<223> n = A,T,C or G

<400> 519
gactgagggg ggagaagtag tntccctnc cccancctga aacctgcttg ctgggggtgg 60
agcttcctgc taattcaacn ctgccacgcc cactgctgng acctgangag ccacacacna 120
gcacctttct actggaccng anattnttcg gctggggaatc agggccccct ccccttccct 180
tcataacctg gtgt 194

<210> 520
<211> 194
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(194)
<223> n = A,T,C or G

<400> 520
tccacgccta cagcagcaag agacgaaagn ctntntnngc tattgttgaa tacgaactaa 60
aggagaatga gaatgtgaca gacagacaaa cggaacccag cagggggagc tcgaggagca 120
gactgtgtta atataaaaaag ttagatactt ggaagaaata aaactgctaa taaaatattt 180
tatataaaaa aaaa 194

<210> 521
<211> 194
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(194)
<223> n = A,T,C or G

<400> 521
gatattttta tagaagaccc gnagtaaggg gaggantnnt tanccatacc ccatagacan 60
gatncantgt gtgttcattt gaggaataca aanatattcn agaatatgat cgngcgtgct 120
gaatgggaaa tctgagttna tangncggct ctanagatac angaacantg ttntaagaca 180
ggaggggggtc ttca 194

<210> 522
<211> 193
<212> DNA
<213> Mus musculus

<400> 522
actgacgctg gaatcttctc tgggagctga gtccatgctc cgatcctgag aaactcagct 60
taaattcccc aggagtcttc acagaggaag gctttatggc aactcctggg taggggtaag 120
ttgggggcttg ttttacagtt tttcaaaatg aaactatatt gtttagagat attgggtgga 180

ggccggcgga gtc

193

<210> 523

<211> 192

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(192)

<223> n = A,T,C or G

<400> 523

aggctgaaaa	caaaggaaac	cgaccccaan	natcgngata	gttcccnagg	acggncacag	60
gatgggccaa	caagcaagga	ccagcnnaga	cccagagagt	tccaggtgtg	acggcctntc	120
aaccgccgga	gtcgnagcac	gcagccgggt	ttncagaaaa	tctgtctcnc	aatttgcaaa	180
aaccctgtc	tt					192

<210> 524

<211> 192

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(192)

<223> n = A,T,C or G

<400> 524

ttttaaatgt	cctggngctg	gngagatggc	tcaccagtga	tgaacactan	ntctttcttct	60
anaggaccca	gctgctgttn	ccagccttca	cacanncctc	tgtaactcca	gccccagaag	120
atcttntggc	ctnttctgga	gnnacttggg	tactgcncag	acatactnaa	ggcaanacac	180
tttatacaaa	ta					192

<210> 525

<211> 192

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(192)

<223> n = A,T,C or G

<400> 525

gactgagggt	ccccagngt	ggatgcaccc	tcctcctggc	tgcttgcaaa	ggagactctc	60
ttgctgctgc	cttgggatca	agatgaagaa	ctcagctcct	tcaccagcat	gatgtctgcc	120
cggatgctgc	catgttgatg	atggactgaa	cctctgaaac	tgtaagccaa	ccaattaaa	180
tgatatacct	gt					192

<210> 526

<211> 191

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(191)

<223> n = A,T,C or G

<400> 526

actgagcttg	gagggccang	cgcgtccttt	ggcggttttg	ggaaccatcc	tgagcgtggc	60
anaggcccc	gccctganct	gtcgccttcg	ccgcccnnca	cctggaggca	gagcangcgg	120

<211> 190
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(190)
 <223> n = A,T,C or G

<400> 531
 gaccccgca cgtggcagca ntgctggcnc ganccgggga tcgcggtggg agncgcgacc 60
 cngaggagt ctccttcnaa gttggcgctc ngcgcancn tcctcctgcg anctgcagcc 120
 cgggaacccc atattccgat atatacagct ttattacaaa ataaaatctg taaaatctta 180
 aaaaaaaaaa 190

<210> 532
 <211> 190
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(190)
 <223> n = A,T,C or G

<400> 532
 acttgaggta cagtagatat gacacgggga cgtcggnggn gtnantttct ccgcttagtn 60
 tntggcancg cccgaanggc tccggcacca taagcgtccc tcctcttctg nntcagttat 120
 caactatggt ttggaaatat gtaatgtaaa attccagaaa aacacaatcc ctacatttta 180
 aaaaaaaaaa 190

<210> 533
 <211> 190
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(190)
 <223> n = A,T,C or G

<400> 533
 ttccatgagg actgctgaca ggacctgaat ggccctcnctt tagctatttc tgtgtgtgga 60
 gctnttgctt gctcctctca gttctgatcc ctgggtgcgac agtgggtcct gagcaccatg 120
 aaagtgtgcc cagagaagaa tgctgtacag aatcctctgg ggccgagaaa aaaacatata 180
 aacaaaaaaaa 190

<210> 534
 <211> 188
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(188)
 <223> n = A,T,C or G

<400> 534
 ctgaacatat aagaggagcn gatnactggc atctgatatc actagaggcc gantnnctaa 60
 aggagtgtgg caggacgngg tgtgtccatg aaatggctta naancccagg ccagnatgtg 120
 naatgannct nccagcgtat ttgtaaaata tattcattaa agtctctgct ctgagaaaaa 180
 aatatgaa 188

Case	Age	Sex	Site	Pathologic Findings	Survival
1	65	M	Rectum	Adenocarcinoma	10 years
2	72	F	Rectum	Adenocarcinoma	12 years
3	68	M	Rectum	Adenocarcinoma	11 years
4	70	F	Rectum	Adenocarcinoma	13 years
5	66	M	Rectum	Adenocarcinoma	10 years
6	71	F	Rectum	Adenocarcinoma	12 years
7	69	M	Rectum	Adenocarcinoma	11 years
8	73	F	Rectum	Adenocarcinoma	13 years
9	67	M	Rectum	Adenocarcinoma	10 years
10	74	F	Rectum	Adenocarcinoma	14 years
11	64	M	Rectum	Adenocarcinoma	9 years
12	75	F	Rectum	Adenocarcinoma	15 years
13	63	M	Rectum	Adenocarcinoma	8 years
14	76	F	Rectum	Adenocarcinoma	16 years
15	62	M	Rectum	Adenocarcinoma	7 years
16	77	F	Rectum	Adenocarcinoma	17 years
17	61	M	Rectum	Adenocarcinoma	6 years
18	78	F	Rectum	Adenocarcinoma	18 years
19	60	M	Rectum	Adenocarcinoma	5 years
20	79	F	Rectum	Adenocarcinoma	19 years

<210> 539
 <211> 185
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(185)
 <223> n = A,T,C or G

<400> 539
 gactgaggaa caaatgttgc agcagagcan aaaagcctag catgacttca gaactttaat 60
 nacacatttc ttctcggaat ttcgngngga ttaagaatcc cagnncgtnc tcagaaatct 120
 gcctgacnct gncanaccna gagcgtggga tttaatgggt gtntgccatc acggccccctg 180
 cccta 185

<210> 540
 <211> 184
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(184)
 <223> n = A,T,C or G

<400> 540
 acatcatctc cccgttgagt ntanctacct ctggcgaccn ctccngcaac aggcgacaan 60
 ggtggcgagcg ttgctcnntt ccagcgggan caagcganta naggccgngc ctcacttcta 120
 ngggagngta caatgnntac ngtacccttt catagtnatg agccanagtg cagacctctt 180
 tgaa 184

<210> 541
 <211> 184
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(184)
 <223> n = A,T,C or G

<400> 541
 ctctgctggt gtggcgccgt tctgtcntgt ntccagcagn gggcgcnttc tgcnntctnt 60
 cngancntca agangcttca agtgtagcan accntgagan acntgggcta cccttttgaa 120
 gnggagagan ngcagtcttt cagttcaata attaaaggtc tctttaaaaa gccaaaaaaa 180
 aaaa 184

<210> 542
 <211> 183
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(183)
 <223> n = A,T,C or G

<400> 542
 gactgagggtg ctggtagaga tggctcagtg gttaagagtg ctggctgttc ttcaaaagga 60
 cctggggttcg atttccatca cccacanggc agcgttacca ccatctgtaa cncagctnc 120
 aggagttctg acaccttcac atagatgcat atgcaggcaa aacacaaatg aaaataaaat 180
 aaa 183

<210> 543
 <211> 182
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(182)
 <223> n = A,T,C or G

<400> 543
 tgcaggacag tggtcancag gaaggcccag cagcntccan cctccctgag tggcaggcca 60
 tcttcggang cagccttttn tgtgcntcag atcnttcagg caaacntntc aaatcccntt 120
 annannagca nntttctagg antgcccctt ttaaacaatt tgtgaaacaa aaataggaaa 180
 cc 182

<210> 544
 <211> 182
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(182)
 <223> n = A,T,C or G

<400> 544
 cactcagagc acgccttgta ggncacgcat ccncaggan ngccgagcag cantgtngaa 60
 acctancaga gcgttcggcg cncttgcaat nccaagnctt ggngacttat gacctnnaan 120
 agcgcncctgc gcctagcata gaaggaatcc tgaagtaggc tggatcgtga aggacaatcc 180
 cc 182

<210> 545
 <211> 181
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(181)
 <223> n = A,T,C or G

<400> 545
 acagaggact tggcgctgca gtgccttctt ctcttgngca gggnagcnga aggacaccgt 60
 gcttcgntat caccatgtnc cgagagnncc gggagagana cgcttanaag aaangagtgg 120
 ggagacagga anggntnttt tatgaagaat gnggangttt ttttagggga gagaaatatt 180
 a 181

<210> 546
 <211> 181
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(181)
 <223> n = A,T,C or G

<400> 546
 gaatgggctg cccaccagtc cacnccacag actccttgca nctctgggtt gtgaggntgg 60
 cnctgctgnt cgangttngg ccttttccac aatgctgaga tggagtntga acccttttga 120
 aatctgnatc anncanacct atactataaa tactaccacac acntngtacc caagaccag 180
 t 181

The musical score for 'The Rose Tree' is presented in a single system with two staves. The upper staff is for the voice, and the lower staff is for the piano accompaniment. The key signature is one flat (B-flat), and the time signature is 4/4. The melody is simple and catchy, with a clear refrain. The piano accompaniment provides a steady harmonic support with a simple chordal texture. The score is written in a clear, legible font, typical of early 20th-century sheet music.

<400>	547						
ctactctgca	tattacnctt	naaaagcagt	aacaacgtga	ncttccaccc	ctctgcctct		60
nctctgcaag	aacagcaagt	gctcttaacc	tgntaanaat	ggnncntttt	cnntagagtg		120
cgccgcagca	gcacacagca	gcattcanag	catgaatact	acattcctgc	ggcggggggg		180
g							181

```
<220>
<221> misc_feature
<222> (1)...(181)
<223> n = A,T,C or G
```

<400>	548						
cctaggggtct	tgcacctgcc	tcatnacacn	ccttaaccgcg	taggcatana	atcccagcct		60
tggagaatac	cnaaccana	acatncaccc	gttatttatn	gnaccgtaaa	ggaaatcann		120
acnttcaca	ggaatgatgn	nattgatctg	tgttctttca	ccacaatata	ctggaaatag		180
a	.						181

```
<220>  
<221> misc_feature  
<222> (1)...(180)  
<223> n = A,T,C or G
```

<400>	549						
gactgaggggt	gaaggaagag	aganggaaag	aaagaaagaa	ggaaagaaaag	aaaganagaa		60
agaaagaang	aaaggaagga	aggaaggaag	aaagaaagaa	agaaagaaaag	aaagaaagaa		120
agaaagaaaag	aaagaaaagaa	agaggggaccc	aggttggtga	gagaaatggc	tcagctcaga		180

```
<220>  
<221> misc_feature  
<222> (1)...(180)  
<223> n = A,T,C or G
```

```

<400> 550
actgaggtgg ggtcttttnc atcttggcct cgccagtggc tgctgtgggg aggatgtgcc      60
gcctctctggc agggggaaga aggaggagaa gatgaanaag taccggcggn ccttggccct      120
ggtctcctgc ctctctctct gctctctagt ctggcttcca agttggcatg tttgctgtaa      180

```

152

[illegible]

```

<400> 551
aatttgagct ttgatcagta ccaaaaagac nnacnnacng gggtaacaaa ggtgcgcgtg      60
tcngcctnag gccgccagga cggagcgatt ctcacggagg aaggagcacg ccaacagggc      120
ctgactgcgt acagacatgt cccctcaat aaaattgcag ttgaaatgga aaaaaaaaaa      180

```

```
<220>  
<221> misc_feature  
<222> (1)...(180)  
<223> n = A,T,C or G
```

```

<400> 552
aggtggtggt  tcagcagcgt  aagaacantt  gctgctctng  cnganggcnt  gngggnnagtg  60
cccagngccc  accttgggag  ggtcaccacc  tgnacngcaa  cgncagctn  ccgngacnt   120
ggcatntcta  gccaccggag  gcaccctgtt  atacccctta  cacagacaca  tacatggaca   180

```

```
<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G
```

<400>	553									
tcgggggggga	gcttctctgc	ngattcgacn	nnnacacagc	gncanngctg	nnactctgaa					60
gagccanaca	ctgtgcacca	tttctacctg	gacccgagat	tattcggcgg	gaatcgggtc					120
ccctcccct	tccttcataa	ctngtgtcgc	aacaataaaa	tttgagcctt	gatcagaaa					179

```
<210> 554
<211> 178
<212> DNA
<213> Mus musculus
```

```
<220>  
<221> misc_feature  
<222> (1)...(178)  
<223> n = A,T,C or G
```

```

<400> 554
agactgaggt ataagtattg tttaaactgc atcaatggca gcacatacag ggagnttgta      60
agacnatcag naanggcctt nggactcaca gangcgggtgt catganggct nccagntgna      120
tctcccctac cattgttcag cancnttggc ntatcaangc cggtgccctca gatgatgg      178

```

```
<210> 555
<211> 178
<212> DNA
<213> Mus musculus
```

<220>
 <221> misc_feature
 <222> (1)...(178)
 <223> n = A,T,C or G

<400> 555
 tgtttgtcac attgtgtggn tgtgtactat atgantntan ncccnatgna tgccanaana 60
 gggctgtaga tancctggag ctgtaattac angagggtgg tgagctttna ttngngtgct 120
 agaaattgaa cccagatctt ctgtaagagc atgcaatggg tctcacctcc ttaaacaat 178

<210> 556
 <211> 178
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(178)
 <223> n = A,T,C or G

<400> 556
 gcgctcctcc tggctgcctg cancgagagc tctcttgntg ctgccttggg atcnagatga 60
 ggangcngc gtccttccgn ccgcacgatg tctgcnacg ganacctgcc nctgcctgct 120
 gcaggancag caccctctga aacctgtaan ccaacccaat taaatgatat ctttgtaa 178

<210> 557
 <211> 176
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(176)
 <223> n = A,T,C or G

<400> 557
 gactgagaat ctaccatgag aagcctntga ataacanana tatcaagccg tctnatgact 60
 gccttcagtc ancatacctg gcaggtaaag cacacatgtc catganaaga ggactccatg 120
 angtttgtag actatttgtag aaangaaggt acttttatgt ttttaatagt gagata 176

<210> 558
 <211> 176
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(176)
 <223> n = A,T,C or G

<400> 558
 ttgagctgtg cttcggggcg tccttganga angaagatgg acctgcttgn cagngcctcc 60
 agtngcaagt gcnttggtg cagcctgtc aacagggcca tggccagtga ggagantaag 120
 ggaggcggag aaagttggag tcaaacanta aaganccttg aacacacaaa aaaaaa 176

<210> 559
 <211> 176
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(176)

<223> n = A,T,C or G

<400> 559

```
ccggacagga g gatggcgtg g tncgntatg cccggccnnc cccggaaacg ggganccgng 60
cccacttntn nnnngttctt aaggggatgg atagggtttg aactcagaga tctgtgtact 120
ttgcctctgc ctcttgagta ctggcattaa aggcattgaac taccacctta gaaaaa 176
```

<210> 560

<211> 175

<212> DNA

<213> Mus musculus

<400> 560

```
gaaagcaggc agtgtcctcg gacccgtaaa gtttgtgtta ctgaagggtg gacactcaac 60
tcctgtgcag acaaggagct caacaggaat ggtatcagac ttctctcttc agaattgtgac 120
agccagagac tcgggggaat acagctgtgt ttactatcag gcaaaggcta cttaa 175
```

<210> 561

<211> 173

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(173)

<223> n = A,T,C or G

<400> 561

```
tttggccttg gggaatgtaa nnccttggtg ttgggagngc cttttccang ggggnanncc 60
attggccccc atttccaaag ggggannaac cttaaaaang ggggggaggc ccatttttaa 120
aaggagngna cncttaattg gaaaaaattg gaaaaagggg cccttttggg taa 173
```

<210> 562

<211> 173

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(173)

<223> n = A,T,C or G

<400> 562

```
gaacagggtgc ccttagccnc aggaggagac atatactcca gncacccttg gatncatttc 60
tttttnagca ttctaggggc tgggnagatg gctncaaggt taagagcact gactgtgctt 120
ncanagggtcc tgagntcatt tctcagcaac caccatgggg gctcacaacc atc 173
```

<210> 563

<211> 173

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(173)

<223> n = A,T,C or G

<400> 563

```
tggatcaggg gaggatgcct tgnccagaaca taactngaag gagnetgtgt ctccttntac 60
catgngggtt ccaaggatgg aactcaggtt gtcagcnatg gcagcaagca cctngtnccc 120
cctganactt gcngagagcc cggatttacc cttaaagata tccaattcag ggg 173
```

<210> 564

<211> 171
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 564
cggcctccgt gggcatgata atcggangcc gcgantccnc tgngttcnan gagagtgatg 60
cctcnnacga gngagntctg cnacttggtc gtcgnggtcc ctgcggttgt tgaancgtag 120
ancccttttg gagtttcctt accagcatct ccaacacagc caacattagt a 171

<210> 565
<211> 171
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 565
ctgcacgggc cccgcgtaca nnaagacagc cctggaagga ggaaccttng tcagancccc 60
tnaanctntg ntntnntgan agangggcat gancanattgt caaaaggng cctctctcct 120
ccttcactgt ccacagtaaa caccgaagc tgtgtctcct aaaaaaaaaa a 171

<210> 566
<211> 171
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 566
tcttccaaca cacaccaaaa ccgtgcatcg nattccaaag gcaccatgtg attcctggga 60
attgaactca ggacctctgc annaaaagtc aatgtcttta acngcatgat ccattctctc 120
anaccttcac aatgattatt aaangtttat taaatgggta cgtaaacatt a 171

<210> 567
<211> 171
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 567
gactgagggg ggagatgnag tactccctc cccagcctg nncctgctng ctcggngagg 60
agcttgctgc tcnttctct ctaccacgcc cacgtggtn aacctganga gccacacaca 120
gngcaccttn ntactggnc agagattatt cggagggaat cggcctcccc t 171

<210> 568
<211> 170
<212> DNA
<213> Mus musculus

aganaacggt agttaacaca tcattcccctt tccttaacca cttggtacc

169

<210> 573

<211> 169

<212> DNA

<213> Mus musculus

<400> 573

agctggctga ggtgggagag ttgatccat ccaaggagcg cctgctagag tattcccgcc 60
gctgcttctt ggcactggac gacgagactc tcaagaaggt gcaggctctc aagaagagca 120
agctgctctt gcccatcacc taccgcttca agcgggtgatg ccgccgccc 169

<210> 574

<211> 169

<212> DNA

<213> Mus musculus

<400> 574

gactgagtaa cttcaggtag aacatagttc tgtcggttaa aagtcattgt agtgtgacat 60
gatgtgctcc cggacagttc ccatgtgctc tgaaagatcg gcctgtcatg gcctggaagt 120
gtctaataatt caaagaaccc agaggactct aattaacctg gggggggggg 169

<210> 575

<211> 169

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(169)

<223> n = A,T,C or G

<400> 575

tattttacaa cctgagaacc anggcattggc tcccagagcc tntgctctcc tgcccagagc 60
caagcctttc ttcttgntgc tgtacttcac ggattttact gcaggcctag gagctgttaa 120
agtcagctaa aacaatgaat gaagataaca ggctgactgc agacccccg 169

<210> 576

<211> 168

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(168)

<223> n = A,T,C or G

<400> 576

tgggcacacg gtgcatctca ataaacanca nccaactgta ctgagtgaag ggtcatttnt 60
ntntnaatgg ggcccattag aatgattcat gcncagnttc ttttctagcc caaaggcana 120
ccatgncatc tttaggcaca anagcnataa anagctgccc tccccct 168

<210> 577

<211> 168

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(168)

<223> n = A,T,C or G

<400> 577

<210> 582
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 582
 gactgagttt ctgtgcgagg agnctgccct agtgagcaag atcgatagta ccaggatgac 60
 ctcacacctt gagttacttg acgttgaaag gaaatgcaca tgaagagaga tagcatctta 120
 cagatgttaa ataaaaggat caaggattcc atgccccaaa aaaaaa 166

<210> 583
 <211> 165
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(165)
 <223> n = A,T,C or G

<400> 583
 ttgactgggt gggggcttct ctgnngattc ncngtgacnc ancgccacng ctgnnnacct 60
 gnngagccan acactgtgca cantttctac tggaccanga gattattcag gngggaatcg 120
 ggtccctctc cccttccttc ataacctggt gtcgcaacaa taaaa 165

<210> 584
 <211> 165
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(165)
 <223> n = A,T,C or G

<400> 584
 gtgggagaat caggtctcnc agggccnttc acttgatngc cggttgncnc gnacaatgca 60
 gtanttgag nctggncntn gncaaaataa tctnaaggcc aaggntgtca tcgaggaata 120
 ccttcaagtg caagaaataa ataaattttg gctgaaaaaa aaaaa 165

<210> 585
 <211> 164
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(164)
 <223> n = A,T,C or G

<400> 585
 ctgcatgtgt acttgcttgt gctgngtntc ggttgngctt tgnccgncnc tnaagctgan 60
 agncaacatg tggcggtggc nngtctgtcg gtgnntgcta actgnacctc ccagcacaac 120
 aatgatggag gtggctggcc attcntgtga cctatctgtt tcaa 164

<210> 586
 <211> 164
 <212> DNA

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<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

<400> 586
gaacacctga ctgctcttcc aaagggtcctg agttcaactc ccagcaacca catggtgggt      60
cacaaccatc tgtaatgagc gctgacgccc tcttctggtc ttcaganaca catgtaagag      120
actgctgtat acataatgaa taaataaatc tttaaaaaaa aaaa                        164

<210> 587
<211> 164
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

<400> 587
gactgaggtga tcaacccact gactgcactg agcatgtcta gagctaaatt cggcttantic      60
acctttntgc tggagcctgg accctggatc aggagaggac ggntacagnt gtcctcnaa      120
acacacacnc nccacgcaca ccttcgcttt ttaagaaaat gtat                        164

<210> 588
<211> 163
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(163)
<223> n = A,T,C or G

<400> 588
ctcctcttcta tctatcattc tncaatnata tactcacaca gcacctgcat gaggacntgt      60
gnttgaanng gcaatnagcc natcactggn caccacagc accttntgac tgtanctgaa      120
caccncacat ccattttctt gcccgncett aaggatcccc aac                        163

<210> 589
<211> 163
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(163)
<223> n = A,T,C or G

<400> 589
tgcaggagac caaagccctt ctcaggcccc atcccagnag ccactcgcca ctgtcatgtg      60
tgctgcacac agtgggtgcc gccatgtcct tccttaggaa caccctagag gaaaccacca      120
gctgttttctt gttcccaggc ctggtgggtg gttttggatt tgg                        163

<210> 590
<211> 163
<212> DNA
<213> Mus musculus

<220>

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<221> misc_feature
 <222> (1)...(163)
 <223> n = A,T,C or G

<400> 590
 gaaacttgag gcgcacacac ngatatttcan tcaatcaaac aaacaantaa acaaattgtag 60
 tgtgcctgct cagtgggtaa aggtgntact gatgggtcctg aaagttgtcc tctgactcct 120
 acggcagntg tgtgcctcca ataaacaaat aataagcgta aaa 163

<210> 591
 <211> 162
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(162)
 <223> n = A,T,C or G

<400> 591
 agactgagggc cttctgggca gctgnngagg cactgctgca ttctggncan ctggatgttg 60
 cttttcacac tgaatgaaca gacgatagaa atggcatgtg cnccatgtgc atgcctanca 120
 cccatggagg ncaaannang gcnncaggac tttctggagc tg 162

<210> 592
 <211> 162
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(162)
 <223> n = A,T,C or G

<400> 592
 actagtccta gcgtagctag cccgnccaca aggatactnt cacctcctnt actcaagcac 60
 ttgggactac agacaggcga catcccacat agcttccatg tggatgctag gaatacaaac 120
 tccagtctct gccagactct gtccattaag cactctctct ct 162

<210> 593
 <211> 161
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(161)
 <223> n = A,T,C or G

<400> 593
 gactgagcca tccccacagn actaggcaag tgctctactg ctgaactaca tcgccagccc 60
 taagganctg gagacaggag ggtcagaagn tcnaggccat nntncnggtc atgctccatc 120
 ccggnnctgt ctnangtaca aaacngctgg tgtcgaaagg a 161

<210> 594
 <211> 161
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(161)
 <223> n = A,T,C or G

<400> 594
gacaacaaa agaaaacgcc attgctgagg nnnatcccan nntanacttc cгнаатаатс 60
ctactangga agacttgana nagctgaact cattgggtgac atcttatctc tgctcngatg 120
aacatctgtt cccccactga gcctttgaaa ttgcatggct g 161

<210> 595
<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 595
cctgcctcat tcgtgctgcc actccactg ntgtnnctg ngganccaca cactgngcac 60
ctttntactg naccanagat tattcngctg ggaatcggt ncnctcccc ttcttcata 120
antagtgang caacnataaa atttgagcct tggcataca a 161

<210> 596
<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 596
gactgaggtg ccacttggcc tgaggtanag cctgancana ggccataatn acttattgtg 60
gaactctcan nggtnnagacn ggangcatgn ntcgctgcat atatntactg cctcgaatcc 120
gatagaattc gagctcggna cccgatgatc gaagttccta t 161

<210> 597
<211> 160
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 597
actgagctct ctcttntgt gtaagacatn ccgatgaant cgttctagga tatggtcacc 60
ctgnggacac caagctggcc ttgaatttgn gataatctac ttacttctga ctttgagtnс 120
tggaattatn ngtgngtgtt acgcctccag tctagaaaat 160

<210> 598
<211> 160
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 598
agactgaggt ggggtcgttc ataggtcaan tctgtcttnn cntctagcca cgctcccttt 60
gagcagtagc ctganacctn cagcctgcct gacncaccg tcacatgatg tcttgctctc 120

<211> 156
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(156)
<223> n = A,T,C or G

<400> 603
gagtcgttcc tagcttgaag cagccaagcc ttggtctgc ggaagctcgt ttcacttntc 60
gnaangagca aaactgcctc nggacagcgn cggagcactg gagatcccat ttaacgttga 120
tggcagctct tgttcttatt tttaattaat tatgtg 156

<210> 604
<211> 156
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(156)
<223> n = A,T,C or G

<400> 604
gcaacccccac cccagtattg gctccgaggg gtgattcagt gttgaactcc cccccgcca 60
tgtcggtcag canagccgga aggagctggt gagcctcgca gcgctgcagt atactgacaa 120
agtccacctt caacttgccg gcgcaaaaaa aaaaaa 156

<210> 605
<211> 155
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 605
acgcagcctg gcacacnnaa gtgattaatg ggatgngtat ggactagnaa ctgnantgcc 60
acagcaaaga attaggactn acnntaagta cagtaacacc cacaacttac ttctgaacc 120
ttgtaattaa aggaaacaaa ataccaaaaa aaaaa 155

<210> 606
<211> 155
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 606
agcctgaaac ctgcttgctc gngnccggag cntactgntc attcgttctg ccaengccca 60
ntgctggaac ctgaggagnc acacacggtg cacctttcta ctggaccaga nattattctg 120
gcagggaatn cgggtcccct ccccttccct tcata 155

<210> 607
<211> 155
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 607
cacggggcccg gtgtggtggt gtacgccnnn tactccccgc acntcgggag gcanaganag      60
gccgagtttc cagagttcga ggtcancnt ggtcttcaaa gtgagttcca ggacagccag      120
gggtatacag agaaaccctg tctcaaaaaa aaaaa      155

<210> 608
<211> 154
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G

<400> 608
actgagggcc aggcagaagg caggagcacg cttgcttgcc attgtacctg attaccagga      60
tagaatnttg cggnttcaca tgatgaaagc agagaactgn cttttgcnaa ctctcctttg      120
agtacctgtg tacatgcatg gaacaaacaa acaa      154

<210> 609
<211> 154
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G

<400> 609
tctgccactg cccacntgct ggancctgag gagccacaca cntgcacctt tctactggac      60
caaanantat tcagcgggga atcgggnccc ntcccccttc cttcataact ngtgtcanaa      120
caataaaaatt ngagccttga tcagaaaaaa aaaa      154

<210> 610
<211> 154
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G

<400> 610
ttctaccacg cccacntgct ggaacctgag gagccacaca cngtgcacct ttctactgga      60
ccagagatta ttcngcggga atcggntccc ctcccccttc cttcataact agngtngcaa      120
caataaaaatt tgagccttga tcagaaaaaa aaaa      154

<210> 611
<211> 154
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(154)

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<223> n = A,T,C or G

<400> 611

gactgagatg tagaactctc acatcctcca gcactatgcc tgcctggacg ctaccttact 60
tccggccatg atgataatgg actgaacctc agaacctggn gtcngaccac agctacaggt 120
gtgctnnntt atnataaata aataaaacttt aaaa 154

<210> 612

<211> 153

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(153)

<223> n = A,T,C or G

<400> 612

agcctgtagc ttaccgggga cccttctngt gaannactga angtagngtg atanttnatg 60
caagaattgc ttgngancct ttnttggtcc agngcacttg aggtcgtccc agaccgaag 120
gagaggtggc gaccctggt gccatttag aag 153

<210> 613

<211> 153

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(153)

<223> n = A,T,C or G

<400> 613

gactgaggtg attttaccac acacagcata aaggaaggtg actgcaggac aagctgcctg 60
gcctgcctcc agcagtaagt tgcttcaactg cacaatatgan gggaagaatc aacaaaccaa 120
actgccaggc tgcacccta agaaggaaaa cag 153

<210> 614

<211> 153

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(153)

<223> n = A,T,C or G

<400> 614

ctggcacgcg cactgatgg aacctgagga gccngacnng ngcacctttg atantggacc 60
anagatcnnt ctgctgggaa tagggtcncc tcccccttc ttcataactg gngtnacaac 120
aataaaattt gagccttgat cagaaaaaaa aaa 153

<210> 615

<211> 152

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(152)

<223> n = A,T,C or G

<400> 615

[illegible]

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<210> 621
<211> 149
<212> DNA
<213> Mus musculus
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<400> 621
gtggctagta ccttcacagga acaggaaaag gcttgctgct caaacagctg actaaaggag      60
ctttnattct gnnagcgtgg angcaagtgg acnnagcgg nantgttnac nacctggagt      120
tcagctntct naccacatt aagcgagcc                                     149

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<220>
<221> misc_feature
<222> (1)...(149)
<223> n = A,T,C or G
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<210> 623
<211> 149
<212> DNA
<213> Mus musculus
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<400> 623
aggctcagct aatgaggcca atctaccaca gaactgaaac ctctgaccca ganccaagct      60
taatcttttc tcttttaatc cttngtttga gaattacaac caggtatata attaaatatg    120
atcatgtgta cccatgccaa aaaaaaaaaa                               149

```

```

<400> 624
gactgagcta gtaatatctc acctaacttc atccatggtg gagaatcttt tggaaaaacc      60
aaatttgtgt tccctgggctc atcttttgaga aatggttctt ggaaagctgg attttgtatc      120

```



```

<400> 629
ctgataagca atataancac catgctgtgg nggcaggnag cccnctcttn aatgaactcca      60
tgggtgaaagt agtantnaga cncananacn tcctttttaga ggaccccgtaa naccacagnt      120
actccccata ctttattttt gtataa                                146

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<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G
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<400>	630						
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acacctgcaa	gnnctaactt	cccnaggagc	cagacnccct	cttcaggctt	tcaaattgcn		120
ncacacacat	ggggtattgt	gcttac					146

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<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G
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<400> 631
gactgagaga acagaactca ggctcgnta caggntaagg nttcatntgn antgannagn      60
atccgacacc tataagcctt cacttgaaca gccaggcaga gaggaagaag gaaaanaacn      120
gcgggcctgn gtggaccaag gaagga                                     146

```

```

<400> 632
agactgagat atgatgtagc tctctgctac tgctccagca cctgcctgca tgctgccatg      60
ctccctgaca tgatgatgat gaagaactaa acctctgaaa ttataagcaa gtccctaatta      120
gatgcttcgt aacagtaaaa aaaaaa                                146

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<220>  
<221> misc_feature  
<222> (1)...(146)
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<223> n = A,T,C or G

<400> 633

tggaagaaacc	caaaaggana	nngttttnc	gcacngncc	tgnaattgaa	cncgggttca	60
ttgggttgan	ccctccttga	gaatcctggt	cttgngactt	atggtaagga	agttggcaag	120
ggcngggag	gaattgtttc	cattgg				146

<210> 634

<211> 145

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(145)

<223> n = A,T,C or G

<400> 634

ggaagaagg	ggcaaggccg	antccttgag	cntccggant	gcaggctggg	gacgangtcn	60
nacacctcac	tgagggtggc	cntgagcagt	tccaggagag	aggctgtctc	cctagtgaag	120
cggttccta	caagaccct	gcggc				145

<210> 635

<211> 145

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(145)

<223> n = A,T,C or G

<400> 635

gaacttgagg	acaagatgta	gaacntctnc	anctcatgcc	tccagcaccg	tgtctgctcn	60
gcacactgtc	atgttttctg	ccatgnggcg	aatggactga	acctctgaat	ctgtaanccg	120
gccccattaa	atgttttctt	tctaa				145

<210> 636

<211> 145

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(145)

<223> n = A,T,C or G

<400> 636

atggagtgtg	gagtgtccag	ccccatcaac	tgnatctaca	acacaactcc	cgcacctatg	60
cccagggan	actgtntaag	aggagncanc	aatactatgc	nagctctgta	tccccngnga	120
ggccttcata	agaaaaaact	ataac				145

<210> 637

<211> 144

<212> DNA

<213> Mus musculus

<400> 637

atgctgagcg	acctgtgtag	ccatgacagg	ctgagccagg	atctgaacca	agcatctctg	60
caggtgcgga	tggtgcgacc	cagacttggt	gtacatattt	tgcatactgt	ctgattaaac	120
acaaacagac	ctcaaaaaaa	aaaa				144

<210> 638

<211> 144
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 638
actgagggtc tcttccacag acctgantgg agngnacgcc cccgtgggag tnnttggtgc 60
tttgctgnnc cnnttcacnn tctttggatg cctgtggacc ggtcctgntg angacaggtc 120
ccgtgtgggc cggaacgag ctca 144

<210> 639
<211> 144
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 639
aaatgctgct ttctcatcta cctggcttgc agagagcaat ctgtcagggc agatcacatg 60
ctcacacaga tgtgaggcca gctatgccat agtaagccag acattaaaga ggtgtacaac 120
agngctgttt tttttctaataaaaa 144

<210> 640
<211> 144
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 640
gaactgaggg aggagatgta gtntgcacct acccngcnet ganacctgct tgctcggngg 60
ggagnntncc tgctgattcg nnntgccacg cncacctgct ggtacctgan gagccacaca 120
cagtgcacct ttctacgtgg acca 144

<210> 641
<211> 144
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 641
tttagctgaa gatgaccntg aacttccana cgcgtcttgc cnttcacctc ttctaacnnc 60
tgtgatcgta agtctacacc acccgtgaac gnetcttggg tgaaataaaa tgcaccnnc 120
tgaaatttaa atgcaacctg aaaa 144

<210> 642
<211> 143
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(143)
 <223> n = A,T,C or G

<400> 642
 tctccgtgag gaaaagtcgn gctcgagnac cagcantnan ntcatanagt gtgggtcgna 60
 acaantaca ttgngacagc atttgagnnc naggctagcc tgatctacat agagaaagcc 120
 taccaaggag aagaaagaaa aaa 143

<210> 643
 <211> 143
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(143)
 <223> n = A,T,C or G

<400> 643
 tgcatactct gaggagccac aactangca cctttctact ggaccagaga ttattctggc 60
 tgggaatcag ggtcccctcc cccttccttc ataactggng tcgcaacaat aaaatttgag 120
 ccttgatcac gaataaaaaa aaa 143

<210> 644
 <211> 142
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(142)
 <223> n = A,T,C or G

<400> 644
 tctgcctgca ctgacctgga cnetgctgat gcccncctcc tcccgtctgc ngcgggcgng 60
 gtactcggng gacncggcct tggtcncatt acncnctgnc aganagtcca ccccaggngc 120
 canntgatca cagtgaccag gg 142

<210> 645
 <211> 142
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(142)
 <223> n = A,T,C or G

<400> 645
 agactgaggc ttttctttgt gtagctccgg ctgttttgga cgttgntntg tagtcctngc 60
 ctggccctct cnnagcgcca cntgggnnttc ntcccttccc agtgccctggg cgtaaaagtg 120
 tgtgccacca ccaaaaaaaaa aa 142

<210> 646
 <211> 142
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(142)

<223> n = A,T,C or G

<400> 646

```
ctcactactg cctcangcac agtcctntnt tcaggtaagg accacangcn aaanctatnn      60
gtnnancccn tccccgata ctgagtanag cctattgaaa agggcctcat ggctatgntc    120
tccagtagat gtaaacttgt tg                                           142
```

<210> 647

<211> 142

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(142)

<223> n = A,T,C or G

<400> 647

```
tcttttgttg acaccagtc tttgcttgna ttacattaaa gtngcntaaa cccantaact      60
gccnaagcn ngtcagtgtc tnatcttttg ttgacacca gtctttgctg tattacatta    120
aagttgcata aaccattaa tg                                           142
```

<210> 648

<211> 142

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(142)

<223> n = A,T,C or G

<400> 648

```
aatgcacgtg tacgctntgc tcantatnta ttacttgcaa caggattgng gaacctgttc      60
tcagaacagg nctatatact caagccatct gncagccgaa tctgngatca nctgangaat    120
acaaggcctt ccagtttgga ca                                           142
```

<210> 649

<211> 142

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(142)

<223> n = A,T,C or G

<400> 649

```
gcttgctctg ggtggagctt actgctcatt cngtctacca ngcccactgc tggaacactg      60
aggagccaca cacggtgcac tctttntact gnaccagaga ttattgggtg gnaatcncag    120
tcccnatccc ccttgcttca ta                                           142
```

<210> 650

<211> 141

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(141)

<223> n = A,T,C or G

<400> 650

[illegible]

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(139)

<223> n = A,T,C or G

<400> 659

catgggggac tctcacgang accncagtgc cacagtgcc tgaggcngtg gcctgangac	60
gtgtctttcta ttccgcacag cgganntttg ttctgttttc tctcatcgtg ggggtccctg	120
nceccacctg ttcctcttt	139

<210> 660

<211> 139

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(139)

<223> n = A,T,C or G

<400> 660

aggcgccctt gggttcnttt cttttcnttt tgtggaacac cacaatctca gctccatagg	60
acacatcagg cttcaagtnt ncncctgtga gaattctaaa ataacctttg ctaatgagga	120
tgtctgatat tgttattat	139

<210> 661

<211> 139

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(139)

<223> n = A,T,C or G

<400> 661

gactgagagc ttcctgggtgc tcgggcatga gcctggccag gtccctgatgt tgaaggcagg	60
accttcttca ggagatatca acacctatca aattcagagg nttcctggag gtgtgtccct	120
ggaatccagc gacctctgc	139

<210> 662

<211> 139

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(139)

<223> n = A,T,C or G

<400> 662

aagactccac caccctanta tgggctttac agactcttgc tcacacacac tacacatact	60
gtacatgnnn ncangccana cagcgtaca catgaannta atgtgttttt aacattggag	120
aangaacatt cgcgctatg	139

<210> 663

<211> 139

<212> DNA

<213> Mus musculus

<220>

[illegible]

```
<210> 664
<211> 138
<212> DNA
<213> Mus musculus
```

```

<400> 664
ctgcccattgc gttggagaga tccgtatggt cctgctccta ctcaangcac acagaaggaa      60
acngcttggc ttnatcggnt ctangaataa nttaccaccc tgtggaaaga ccnagccggn    120
ngctgttggg ggaccccc
                                         138

```

```
<220>
<221> misc_feature
<222> (1)...(138)
<223> n = A,T,C or G
```

```
<210> 666
<211> 138
<212> DNA
<213> Mus musculus
```

```

<400> 666
agtttgccag aaaaatggta tgtgcagtgg gctctaggta aaagaccttt tccagctgct      60
tctagtctac cttattttagc gccnctctc gctctgtcat taaaagaaat gtaattgaaa     120
gaaatgtaaa aaaaaaaaaa                                     138

```

```

<400> 667
gactgaggcc tgcttgccct acagggcaag tattggtccc ataaaggggg agacagggcc      60
acttaaatcaa catgagcatt aagcttttcc ttctgaacaa ctttaataat gaatcatact    120
ctttttgaaa aaaaaaaaaa                                     138

```

<210> 668
 <211> 138
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(138)
 <223> n = A,T,C or G

<400> 668
 gagcccggtc gtggtggntc acacntttan tcccagcact cgggaggcag aggcnggcnt 60
 gnnttcctga gttcagggcc agcctgggtcc tacaaagtga gtttcnnggg cctntacaga 120
 gagaaccctt gtctcgaa 138

<210> 669
 <211> 138
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(138)
 <223> n = A,T,C or G

<400> 669
 atctatcgca agggctactg cacgcactgc cccctntcgn gntngatnaa cttgcctgcn 60
 tagtaagaag ttgctggcca tacgaacaac ctcgcgcccc aanaaagaag gtnataataa 120
 agctgttagga catacctg 138

<210> 670
 <211> 137
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(137)
 <223> n = A,T,C or G

<400> 670
 caaacctgtg gacaccaant caccggtga cacctgcttg aacgcnnann nnnnaaggct 60
 tgtcttttctg ntgtacagan cgcaantaaa caattntttc ttgagcaaatt tttttttttt 120
 tttttttttt taaaaaaa 137

<210> 671
 <211> 137
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(137)
 <223> n = A,T,C or G

<400> 671
 cttgtgggtgc cacacacagt gcaccanttc tacgtggacc anaagagtat tcggcgggcaa 60
 tcngtcccc tcccccttcc ttcataactg ntgtcncaac aataaaattt gancnttgat 120
 caggagtaaa aaaaaaa 137

<210> 672
 <211> 137
 <212> DNA

<210> 681
 <211> 134
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(134)
 <223> n = A,T,C or G

 <400> 681
 cttgaggagc cacacactgt gcacctttnt actggaccat gagattattc aggnagggaa 60
 tcgggtcccc tcccccttcc ttcataacct ggtgtcacaa catataaaat ttgagccttg 120
 atcagtaaaa aaaa 134

 <210> 682
 <211> 133
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(133)
 <223> n = A,T,C or G

 <400> 682
 atggaggcgg tgaccttngg cnacgtgnct gtgcacttct cttnagagga gtggcngngt 60
 ctggattctg nccatnaggg ccctctacaa ggaggtgagg cctggagAAC cncagcagca 120
 gtggcaggac tag 133

 <210> 683
 <211> 133
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(133)
 <223> n = A,T,C or G

 <400> 683
 cgcagtactg ggcgctaate aacaactctc taattggacc tagggccgga agcctagcca 60
 actactcagt tcctgtgaag tcattggagg agaacttaca nccactgatc tattaaccca 120
 gaataacacc taa 133

 <210> 684
 <211> 133
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(133)
 <223> n = A,T,C or G

 <400> 684
 tggaacctga ggagccacac acgtgcacct ttctacngga ccatnagant attggngngg 60
 aatcggnac cntccccctt ccttcataac tggngtnaca acaataaaat ntgagccttg 120
 atcagaaaaa aaa 133

 <210> 685
 <211> 133
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(133)

<223> n = A,T,C or G

<400> 685

agactgaggc ccttctcgaa cccaaaaatc tggaacntgg tgtanctgnc cntgtgctga	60
atgcacgcac ancacagcct ctngtntctg ttttaanttc gtcnttaaa cgaagtacag	120
tcctggaaaa aaa	133

<210> 686

<211> 133

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(133)

<223> n = A,T,C or G

<400> 686

gaaacctgag gagccanaca cntgcacctt tgtactggac caaagattat tnggcgggaa	60
tcgggncccc tcccccttcc ttcataacta gtgtcgcaac aataaaaattt ggccttgat	120
cagaaaaaaaa aaa	133

<210> 687

<211> 132

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(132)

<223> n = A,T,C or G

<400> 687

gaccatgcag catcgtcagc ttgnttgatt tcttccaana actggatatc aaccttttag	60
acaacngtgg tgaattgctt tataccatgg agaaggagcc cagcaataga atggcttcaa	120
gaagtacttg ac	132

<210> 688

<211> 131

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(131)

<223> n = A,T,C or G

<400> 688

cttgtaacac tggggagcct aangcctagg nctggntgac ccctgtgtgg ggactgccac	60
acaatagaat taggcctttt cgcttctgtg ttagaaaaat aaacacactt aggacatggg	120
aaaaaaaaaaa a	131

<210> 689

<211> 130

<212> DNA

<213> Mus musculus

<220>

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<221> misc_feature
<222> (1)...(130)
<223> n = A,T,C or G

<400> 689
ggggggggacg gattaactcc tctcctncac nggctncctt cttagaatcc caccctantt      60
tcttttccnc ccatttnttt gcntganact tgttcacaga acttctctnn tnagaggctg      120
catgatagag                                     130

<210> 690
<211> 130
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(130)
<223> n = A,T,C or G

<400> 690
gactgagggg aagtacgcag gcaatatggc aacattgttt attcacattt gcagctgtca      60
tcacaacagc cattttagct ttcaggagag aggcaaggga ttacnagggtg ctctccatgg      120
gttgtgctcc                                     130

<210> 691
<211> 130
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(130)
<223> n = A,T,C or G

<400> 691
ggagaagggtc tttttaaggg ctnaaaaacc ttnattggng gnnatcgcg gnaganctta      60
atgagagggc cggnnaaaat nntgctccgg ccttagagaa ttttttagaa caaggggtat      120
ggtatttgat                                     130

<210> 692
<211> 129
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(129)
<223> n = A,T,C or G

<400> 692
acacaccttc aataatgtta caagcnccat tgnatatata tcatatacat annnngcatt      60
cncttnncnc actatcttca taangtggtt gtctgcaaca cgtaagaata ttngagccct      120
tgatcacgt                                     129

<210> 693
<211> 129
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(129)
<223> n = A,T,C or G

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<400> 693
gattgggcga atagatnatt aatnatgnct gcnaccncac aaangtactn agactgggac 60
ctnagccaag cancacntac tgaggataca cagggcccg attttaaaat ggagcttaat 120
atataatat 129

<210> 694
<211> 129
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(129)
<223> n = A,T,C or G

<400> 694
gctggcgaca cctgggagggc tnccgctggn tgccacgtct ccgccacccg nactaccagn 60
gnagccttnt ggctttccgc tttctccttc ttagggatgg aggcaattaa tatcatcgct 120
ttcccgacg 129

<210> 695
<211> 128
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(128)
<223> n = A,T,C or G

<400> 695
ctgacctcta catgcatgcg tgtgacncct gtacaaccac tcaaattggac agacacagag 60
gacacacaca ggagggggag agaaatacan agatacacag agacataata aatatataaa 120
ataaaaaa 128

<210> 696
<211> 128
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(128)
<223> n = A,T,C or G

<400> 696
ttcaaattcc agcaaccaca tngnggctca cagccatctg taacagaaat ctgatgccct 60
cttctggagt aactgaggac agctacagng tacttacata taataaatan atatgtctta 120
ataaaaaa 128

<210> 697
<211> 128
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(128)
<223> n = A,T,C or G

<400> 697
ggtggttggt tgcagttgct gtagtggtta aaggacctnt ggcaaanaac tctcaggcca 60
aggantgtca tcgaggaata cnttcaagt caagaaataa ataaattttg gctgattaa 120

aaaaaaaa

128

<210> 698
<211> 128
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(128)
<223> n = A,T,C or G

<400> 698
cacacagtag tgcaatggcg gcgcctcgct ctggagaant nacntgcana annatggcat 60
ttccccntn cangatttat acagaagcag tcttccaaat tctgaaacct gatgcccac 120
acatactt 128

<210> 699
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 699
tttccttttc tcgaggagca tacaacntgg cntggtaact gacctntnn ntntccacc 60
caaaagcctt gtctgggttg aaagancctc aaagtcntg taagtaatgc agttttaaaa 120
aaaaaaa 127

<210> 700
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 700
gggccttcag gccaccgtt cntctcngt gcctcangga ngctncantg cggttttctn 60
tnagnngagg tagcgccaac aaaacaccgt tcgaccctgt gcagtcacct gccagcggtg 120
tgtccca 127

<210> 701
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 701
aggccatttt gtggtancaa gcattggngc tactgggctg gnaccttnac ccgncattga 60
aatanctgat gncantctgt ggaancngac ctgganctga gtgaatttgt ttccatgcat 120
ccaggat 127

<210> 702

<211> 127
 <212> DNA
 <213> Mus musculus

<400> 702
 gactgagggtg gggctctttca caatgatgac gacagtgact tcctggacat atggggcctgt 60
 tcttcaccag acagtctgtc cttgaccttg agactaaagc agtgcagagt ccgccaaacc 120
 ttggata 127

<210> 703
 <211> 127
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> n = A,T,C or G

<400> 703
 tgcaccttct gcagagggac tgaggancca ctcaaattca nnnnggacacc tgctgcttgc 60
 gtgctgatac aagagactng ggaggcagag aattaaaaat ctgaacattt gtgagcgtgt 120
 gaaaaaa 127

<210> 704
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 704
 actgagtgtc agtgcagaac ccagggccaa gcaaacagcc cgcaaggctt cctccctttc 60
 ccttgctgtc tctcttaata cacaaaaagc aaagctgggg gcagatccga gaagaaagaa 120
 aaacaaa 127

<210> 705
 <211> 126
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(126)
 <223> n = A,T,C or G

<400> 705
 gactgagata tttgaaacgt tgggggttntt ggagtggtn gnatatttan ntcttgggga 60
 nctatnatag gacgacnngg aancatggtc ngtgtccata tntttactgc gctcctatcc 120
 gtgaaa 126

<210> 706
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 706
 agactgaggt cctgagttca aatcccagca aacacatccg taaggagatc cgactccttc 60
 ttctggagtg tctgaagaca gctagagtgt acttacatat agtaaataaa ttcttaaaaa 120
 aaaaaa 126

<210> 707
 <211> 126
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(126)
 <223> n = A,T,C or G

<400> 707
 acatccacat tgggtgggtca caactcatga tgtaatggga tcanatacac tcttctgggtg 60
 tgtctgnaga cagncacagt gngctcatat ncttaantaa ataaataaat aaggtcttta 120
 aagaga 126

<210> 708
 <211> 126
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(126)
 <223> n = A,T,C or G

<400> 708
 cccggacaag ctaaacaagn aacctctcag catccccttgc agctaaggta gccagctct 60
 gggcaatggg atagaggcag aagagtttcc ttcctgaatc taaaagtaaa acttccatgg 120
 aaaata 126

<210> 709
 <211> 125
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(125)
 <223> n = A,T,C or G

<400> 709
 catctgtgca gacctgtggc aagtctcttc agangtgacg atnattctag gaaggtcagt 60
 tngttgagg tccccaacaa gctttgccat ctggaatttg ntctcgccct tttcaaaaaa 120
 aaaaa 125

<210> 710
 <211> 125
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(125)
 <223> n = A,T,C or G

<400> 710
 gactgaggca aagccnaagc tgatcgagcc ctggactacg aaaatgtcat ngtcgagaag 60
 aagacgcana tcctaaacga ctgcctgcgg gagatgctcc tcttccctta tgatgacttc 120
 caggt 125

<210> 711
 <211> 125
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(125)

<223> n = A,T,C or G

<400> 711

gagccacaca cagtgcacct ttctactgga ccatgagatt attcggcggg aatcgggtcc 60
cctccccctt ccttcataac tggtnncnca acaataaaat ttgagcnttg atcagaaaaa 120
aaaaa 125

<210> 712

<211> 125

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(125)

<223> n = A,T,C or G

<400> 712

tgaggagcca cacacagtgc acctttntac tggaccatna gantatncgg ncgggagctg 60
agaccccttc ccccttnctt cataacttgg ggcancaaca ataaaatttg agctttgatc 120
agtcc 125

<210> 713

<211> 124

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(124)

<223> n = A,T,C or G

<400> 713

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aaaa 124

<210> 714

<211> 124

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(124)

<223> n = A,T,C or G

<400> 714

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<210> 715

<211> 123

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(123)

<223> n = A,T,C or G

<400> 715

<223> n = A,T,C or G

<400> 724

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ngcatacttg nggcctncct ctntatggaa gnccacncct antcgctgaa tatctggaga 120
g 121

<210> 725

<211> 120

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(120)

<223> n = A,T,C or G

<400> 725

atgggagtc ttaacttgaac atacctgctg gagaatacgn ncttgctcaa aagtaagcan 60
gnanacaant acctgntatt aaacctttca tananganan atgaccttac aaagcttaat 120

<210> 726

<211> 120

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(120)

<223> n = A,T,C or G

<400> 726

tcctaaagct gctgtaccct gctgcancnc cggctctgncc gtaacactnc tccggcgact 60
ctgganataa tgaaagcnc agaaaaaaaa ctggtggang aatctgtaaa caaaaataaa 120

<210> 727

<211> 120

<212> DNA

<213> Mus musculus

<220>

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<222> (1)...(120)

<223> n = A,T,C or G

<400> 727

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ntgtggaacc tctcaanngt cggaccngan gcntggcctg gttccctcta aaaaaaaaaa 120

<210> 728

<211> 120

<212> DNA

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<222> (1)...(120)

<223> n = A,T,C or G

<400> 728

ggtggagctt cctgctcatt nanttctggn angccnactg gtngaacctg aggagccaca 60
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<210> 729
<211> 120
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(120)
<223> n = A,T,C or G

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ctatcacgac gttnganaaan ccccttact catgtcttnc cacaaaaacc cggtttggtt 120

<210> 730
<211> 119
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 730
aacaaaggaa aacaacagga ggtccaagag gagtgcccnt gaggatgggt ancagaagcc 60
atatgcctcn aacntttaca ntcancattc agaaaatgtt tggaccaaag ggcacactg 119

<210> 731
<211> 119
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(119)
<223> n = A,T,C or G

<400> 731
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cagggcctga ctgcgtacag acatgtcccc ctnaataaaa ttgcagtttg aaatggaaa 119

<210> 732
<211> 119
<212> DNA
<213> Mus musculus

<220>
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<223> n = A,T,C or G

<400> 732
gaaggacctt gaggcttgtg cttcaaactg tcgtcccacc ntcancnctc ccgatgacgc 60
ntgctgcgac ccgaccngcc gtgcgntctt acctaggcaa aataaagttg ttgaaatga 119

<210> 733
<211> 119
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<220>
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<222> (1)...(119)
 <223> n = A,T,C or G

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 ncaggna nca tggctgggtc catatattcg atnaaccttc cccatttaac taaaaaaaa 119

 <210> 734
 <211> 119
 <212> DNA
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 <220>
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 <222> (1)...(119)
 <223> n = A,T,C or G

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 caaggagtgn ggtctcantc tgtatgagcc tatgtgagac cttgcattca aattaaaga 119

 <210> 735
 <211> 119
 <212> DNA
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 <220>
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 <222> (1)...(119)
 <223> n = A,T,C or G

 <400> 735
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 aatcngggnt cccctcccc ctttcnttc ataactnggt ggtcacaacc aattaaana 119

 <210> 736
 <211> 119
 <212> DNA
 <213> Mus musculus

 <220>
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 <222> (1)...(119)
 <223> n = A,T,C or G

 <400> 736
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 cctgtccctt tgttttactn cttaaaccta gtaataaatc cttttaagg cccgagaaa 119

 <210> 737
 <211> 118
 <212> DNA
 <213> Mus musculus

 <220>
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 <222> (1)...(118)
 <223> n = A,T,C or G

 <400> 737
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 taccctcgtg ancnaagatn ctattcgga agattentat tntctacaaa ggatagga 118

<210> 738
 <211> 118
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(118)
 <223> n = A,T,C or G

<400> 738
 agggccttgg caaganagca agaagtgaac aggaaatcct ttcttttttt cttttaactc 60
 acaaagatta tttcttttta tttatctatt ttttcttttt attacactcc agatttta 118

<210> 739
 <211> 118
 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(118)
 <223> n = A,T,C or G

<400> 739
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 ggccaagcgg gnntgatgaa cctccccca ataaaagatg gttcctacaa aaaaaaaaa 118

<210> 740
 <211> 118
 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(118)
 <223> n = A,T,C or G

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 ttatttgtac atgntgaatt acccattata gctgttttta ttgacctaaa aaaaaaaaa 118

<210> 741
 <211> 117
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(117)
 <223> n = A,T,C or G

<400> 741
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 ncacagagg nngcctgcct tctctcncct agctgtttgg nttatgggat gcaatta 117

<210> 742
 <211> 117
 <212> DNA
 <213> Mus musculus

<400> 742
 agactgagga catgcctgcc tcttgcccca tgcttctctgc cataacaata acggactgaa 60

ccacctggaa ctgtaaacca gcccgaatta aatgtattcc tttgtaagaa aaaaaa 117

<210> 743
<211> 117
<212> DNA
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<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 743
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nngtctgaa ganagtaca gtgtacctta catataactn aataattctt ttttaa 117

<210> 744
<211> 116
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

<400> 744
tgagatagag accaggactc tactagaaga aagcactgan nataanccca agagaccgaa 60
gacagacaca nnagcncatc gcagtcttgt gacnggngta acctctgca ggacat 116

<210> 745
<211> 115
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(115)
<223> n = A,T,C or G

<400> 745
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agnactgnt ggcatnancg cnttaaacia atctctctct cttcaaaaaa aaaa 115

<210> 746
<211> 115
<212> DNA
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<220>
<221> misc_feature
<222> (1)...(115)
<223> n = A,T,C or G

<400> 746
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gncnattact ncacgcaggn aaagccngcn tccactccc cactctctt ccata 115

<210> 747
<211> 115
<212> DNA
<213> Mus musculus

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(114)

<223> n = A,T,C or G

<400> 752

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tgnaagggtt tttntaagtt aaaanaactt tttttaaaaa tggaaaaaaaa aaaa 114

<210> 753

<211> 114

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(114)

<223> n = A,T,C or G

<400> 753

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taaaaangat ctctccgnat gagctacgga tgngaangat atttgtgtcc catg 114

<210> 754

<211> 114

<212> DNA

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<220>

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<223> n = A,T,C or G

<400> 754

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gaaaaacgtg agtgtgccct tgaatttcca acaaaaccca gtccttgaa tccg 114

<210> 755

<211> 113

<212> DNA

<213> Mus musculus

<220>

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<222> (1)...(113)

<223> n = A,T,C or G

<400> 755

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ccagggaact ttggaagtcc nagtgctgca gcaaccgaag gacaaggaag gtt 113

<210> 756

<211> 113

<212> DNA

<213> Mus musculus

<220>

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<222> (1)...(113)

<223> n = A,T,C or G

<400> 756
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 tacaagaaca cttatatatn gtctttttaa aatctgaaat agagcatatg act 113

<210> 757
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 <212> DNA
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<220>
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 <223> n = A,T,C or G

<400> 757
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 gggctttctg tggagggtga cgcacttact aaaagatatg acaaacaaaa aaa 113

<210> 758
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 <212> DNA
 <213> Mus musculus

<220>
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 <223> n = A,T,C or G

<400> 758
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 ggggaataatg gcccggtggag ccaacaactc aataggaaat gaaaagaaaa aaa 113

<210> 759
 <211> 113
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(113)
 <223> n = A,T,C or G

<400> 759
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 gtctaaaagc ttngggngag ntcccttatt tcaatttccc agcaaccaca tgg 113

<210> 760
 <211> 113
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(113)
 <223> n = A,T,C or G

<400> 760
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 ttnataacta gngtcgnanc aataaaattt gagccttgat cagaaaaaaaa aaa 113

<210> 761
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 <212> DNA

T002250-06229660

<213> Mus musculus

<220>
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<222> (1)...(112)
<223> n = A,T,C or G

<400> 761
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gacagntgnc tgganactgg aggactggnt gngcattttc tttcatttat aa 112

<210> 762
<211> 111
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(111)
<223> n = A,T,C or G

<400> 762
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cgngtctcag gtctctgcca tttgctacca caccgcccag cctctcctga g 111

<210> 763
<211> 111
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(111)
<223> n = A,T,C or G

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tgtggattac taaaactant catgataggn tgcnaccaa agaaataaaa a 111

<210> 764
<211> 111
<212> DNA
<213> Mus musculus

<220>
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<223> n = A,T,C or G

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<210> 765
<211> 111
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(111)
<223> n = A,T,C or G

<400> 765
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<210> 766
 <211> 111
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(111)
 <223> n = A,T,C or G

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 cataacttgg ngtnngaaca ataaaattag agccttgatc aggagggaca a 111

<210> 767
 <211> 110
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(110)
 <223> n = A,T,C or G

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 anagaggcng gttcgcnat gcggtantgc cttgcgcct ttttccct 110

<210> 768
 <211> 110
 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(110)
 <223> n = A,T,C or G

<400> 768
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 acagnnact tatatataat aaataaataa atctttttta aaaaaaaaaa 110

<210> 769
 <211> 110
 <212> DNA
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<220>
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 <223> n = A,T,C or G

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<210> 770
 <211> 110
 <212> DNA

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<213> Mus musculus

<220>
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<223> n = A,T,C or G

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<210> 771
<211> 109
<212> DNA
<213> Mus musculus

<400> 771
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tctgactcct aggtgctggg attaaagacc taagctacta aaaaaaaaaa                    109

<210> 772
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<212> DNA
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<220>
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<222> (1)...(109)
<223> n = A,T,C or G

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nacactnnat aangtggggg cgggatcaat aagatactgg acctggagg                    109

<210> 773
<211> 108
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(108)
<223> n = A,T,C or G

<400> 773
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cctgccttgn cccagcaag gcctgaccca cctggctctc tggtcatg                    108

<210> 774
<211> 108
<212> DNA
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<220>
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<222> (1)...(108)
<223> n = A,T,C or G

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<210> 775

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<211> 108
<212> DNA
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<220>
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<222> (1)...(108)
<223> n = A,T,C or G

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<210> 776
<211> 108
<212> DNA
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<220>
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<222> (1)...(108)
<223> n = A,T,C or G

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aacttngctg aaccttcata ccttgctgag aactagtgga ccaataaa 108

<210> 777
<211> 108
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(108)
<223> n = A,T,C or G

<400> 777
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anncagccan acgagggaaa gatataaanc ntttattata tttacata 108

<210> 778
<211> 107
<212> DNA
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<220>
<221> misc_feature
<222> (1)...(107)
<223> n = A,T,C or G

<400> 778
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taggggtccan tgtaaccctg cttgtgctg aaaaaaaaaa ttttttt 107

<210> 779
<211> 107
<212> DNA
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<220>
<221> misc_feature
<222> (1)...(107)

<223> n = A,T,C or G

<400> 779

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accttataa aaagtttgna aaanatctna tagtactgat tatcaaa 107

<210> 780

<211> 107

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(107)

<223> n = A,T,C or G

<400> 780

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tccttcataa ctggngtnac aacaataaaa tttagcctt gatcaga 107

<210> 781

<211> 107

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(107)

<223> n = A,T,C or G

<400> 781

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<210> 782

<211> 106

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(106)

<223> n = A,T,C or G

<400> 782

tgtgtcgtac ataagaaagc atncatttat attntgacag anntcagtg tgtccaagca 60
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<210> 783

<211> 106

<212> DNA

<213> Mus musculus

<220>

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<222> (1)...(106)

<223> n = A,T,C or G

<400> 783

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<210> 784

<211> 105
 <212> DNA
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 <220>
 <221> misc_feature
 <222> (1)...(105)
 <223> n = A,T,C or G

 <400> 784
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 cttccacttg tnaagagcac nttnaannaa cacatctagt cctac 105

 <210> 785
 <211> 105
 <212> DNA
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 <220>
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 <222> (1)...(105)
 <223> n = A,T,C or G

 <400> 785
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 <210> 786
 <211> 105
 <212> DNA
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 <220>
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 <223> n = A,T,C or G

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 atgctctact gaggaataat gcnatatgaa taaggtaaag atgcc 105

 <210> 787
 <211> 105
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(105)
 <223> n = A,T,C or G

 <400> 787
 attcatgcgt catgatgatc tcttactctc ngngnccgta anagannnct acntggatct 60
 cttagccnna cccttagcgt atagccctca acacgtcagt ataata 105

 <210> 788
 <211> 104
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(104)

<223> n = A,T,C or G

<400> 788

ggcagagggg tcacaaagtc tgtttccctg ctgatgaggc anngagggcc tgggatccaa 60
gcacacagga gcaggaagca ggaggttntc aactttgagg ccgg 104

<210> 789

<211> 104

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(104)

<223> n = A,T,C or G

<400> 789

tctttcccag caaccacata gnggctaaca nncntctgta atgagatctg atgcccacnt 60
tcaacagtgt acttacatat acaaaataaa taaatgggtc tttt 104

<210> 790

<211> 104

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(104)

<223> n = A,T,C or G

<400> 790

ggcagagacc agctgccgtc agnangatta ctagtgggaan agnntgtgta tnaangtcng 60
tgggaaacct ctttnccttg cctgnctatg cagccaccac ctaa 104

<210> 791

<211> 104

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(104)

<223> n = A,T,C or G

<400> 791

actgaacaat agcatcaagg acagcgntac gacnaccag catnngctat ngactnatgc 60
atnatgacng aggctactn ctacaggcag gcacattgct cata 104

<210> 792

<211> 103

<212> DNA

<213> Mus musculus

<400> 792

gactgagagg accttggtta cctgcagcaa tggctgaagg cctttgtggg tgtcttcgag 60
aagactatct cgttatcctc cctggaacct cgaaaaaaaa aaa 103

<210> 793

<211> 103

<212> DNA

<213> Mus musculus

<400> 793

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 798
tcagtggcgt gtagacatca ananctgagg ntggatcaaa ggctatgggt ncnanccct 60
ggagcacgca gcagtcaggc ctttgaggtg gatgtggttg aa 102

<210> 799
<211> 102
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 799
ctgagataaa atgcttcatt tggccgactt gngnggataa atcatccttc atttgaaca 60
cctgagcttc tgattcttcg ntgacactgg gtggatgtga ga 102

<210> 800
<211> 102
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 800
cctttctact ggaccangag attattcggn agggaaatcag ggtcccctcc ccnttccttc 60
ataactgggtg tcacaacaat aaaatttgag ccttgatcag ag 102

<210> 801
<211> 101
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(101)
<223> n = A,T,C or G

<400> 801
gactgagaca ggatgctcca antcccctgc ngctnctctt cganagaaag acgaggagtg 60
ctctgcnct gccggtanga acagcccttt ttgacttaag g 101

<210> 802
<211> 101
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(101)
<223> n = A,T,C or G

<400> 802
gaaagccact taaaaatcca nctgtaanac atttccttaa ttanngnttg acatggggag 60

gactgagccc attgtgaggg ggggttatccc tggactggtg g

101

<210> 803
<211> 624
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(624)
<223> n = A,T,C or G

<400> 803
gactgaggtg gaagagcaag ctttgangag cctgcaccat ggccatannt cattgaacna 60
gatngattcg cacgcaggtt atccggccgg ttgggtggnn ngncatnct gctatgantg 120
gacananacg acnatcgggc tntctttgat gccagcngt nnnccggcna gcaccncatg 180
gngnaccnag gttcttttat gtcangaacc ganctggcct gctnccctgg atgagctagc 240
aangacanan gnaangccgg ntatcgtggg cttgngncan gacgggncgt tncctttgcg 300
cagcttgtgc tncgaccgtt gtcacttgaa agccggggaa ggggacttgg ctngctattg 360
ggccgaaagt gcccgggcca ggatcctcct tgnacatca cctttgcntc cttgcengag 420
aaaagtatcc atcaatnggc ttgantgcaa tggcgggccg gctggcatac gctttgattc 480
cgggcttacc tgcccatctt gnaccaccaa agcggaaana atcgcaatcg agcggagcca 540
ccgtacttcg ggatgggaaa gcccggnctt tgatgatcaa ggatgatctt ggaccnaaaa 600
agcatcaagg ggcttcgcgt ctcc 624

<210> 804
<211> 576
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(576)
<223> n = A,T,C or G

<400> 804
ttttgaggat gccagactt cagnttntaa gaagctggcc ttcagccatc caaggtanga 60
ggccgtccta cnaggtagat ntgccatgnc acaccacagg naagggngn tgtgaaangg 120
ccgntcnatc ntacctctgg catgctcang gtttctgncg ctcatagaga tctgttctgt 180
gaataanctn actgncnegg ctgnggttca ccctgggtccc tnnccagcag agnacgnngg 240
gatnctcatc gaatnnttg tactnncaag gccncgcctc caaagaagcg gcgcaccgga 300
gctatcgcta cacagacatg agagagtaga nntcngtnga ctccaccgac gaacccaenc 360
ggnnnnntnn cntggaanct ggtattatgc tcttacatac cgnngtacia gactgnatgt 420
taagctgtac ttgctgcgcg tgagctnacc tgttcacacn gctctcacag gaggctangt 480
ttacanagga tgtatgtnaa nttttacctg gctgagctna cactgggcct ggactaccct 540
gcacagnttg gagcattatt tacaaggagc ctcatg 576

<210> 805
<211> 568
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(568)
<223> n = A,T,C or G

<400> 805
tctcatggg tgccanctcc gggaacncng ncnaggttgn ccctggtcna tggaaaggat 60
ncggagatga atgngacggt cgnctcngcn cggcgntcn acaggancnn ggcgnncccg 120
gggtncggcc ngaccncggt gcgcagcgn tangcnact ctgagcattg gnccacctn 180
cagtanntgc naggcanntc ggtcgacntc aannagnagt ctntttggtg cccccccca 240
cccaaccca agtctannga gaccttttgt tctcccgtn gtttccctt ttgnttnatc 300

ttttgttgtt	ttgctttgtt	ttnaagacag	agtctcactg	ggtagcttgc	tactctggaa	360
ctcactacta	aactaagctg	gccttaaact	ctaaaatcca	cctgccaatg	ccttctgaga	420
gccaggctta	aggngtgccg	tgcccactcc	cagccttaac	ccactggggc	ttttccttcc	480
tctttctttt	attanctttt	tatctccctt	taccctnccg	ncatnaatag	gnacttaatt	540
ttgtacttga	aatttttaag	ttgggcca				568

<210> 806
 <211> 563
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(563)
 <223> n = A,T,C or G

<400> 806						
tctcatgaag	gtgactttct	acttgcanca	gangaatacc	atcntngttg	annacctcna	60
accntncnna	gngnnanngc	gtggcaccag	ngaacatata	tacaaaacac	nttctgcacc	120
taaggctcag	aggaacatcg	gaggaanagg	aggcagagag	gtcgnatggg	ccagaggatc	180
anataatttt	ntgcangaca	tgtcaatntc	agagtantgt	cagaagcnac	acctataaaa	240
atntcactaa	taggactgnc	caattgtgag	catgaacaag	aacagcacca	atggacatgc	300
caaagtgggc	nagaagaggg	cangaggaca	caacactaca	caaagaactg	tnnggcaatga	360
ggcacgctgg	aancggggga	ggcaaagtgt	ccacactttg	gtcttcgttc	tnnttgagttt	420
aatgtgttag	caaattaatt	gtatcttatg	tcttgggtat	cctaagtttc	tgggctaata	480
tccacttatc	agggagtaca	tattgngaga	gttcctttgt	gattgggtta	cctcactcag	540
gatgatgccc	tccaggtcca	tga				563

<210> 807
 <211> 561
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(561)
 <223> n = A,T,C or G

<400> 807						
aactgaggtt	ctccagtgan	tgctttttcaa	gcaacttgac	ctgtactttc	cacctgnggc	60
ctgcacctgt	caccaagcgt	gaactgacca	aagangcagt	gtctgggagt	tctgagagan	120
aatgtagggg	cgtgaaaagc	aagcaaganc	atcagaccga	agcagagtaa	gccaacacat	180
acaacaaaat	ggtgtcctgg	ataccagagc	cttacacagc	tagccagaga	aaagaactac	240
aacctccctt	catagccaga	agcaacacac	aaccacagaa	accacactat	ggagcctaca	300
tacagctagg	ctggcaagca	gagatgctca	agtgaacagt	cttcacgctc	ttatcagaga	360
ggggcctgaa	gaaagtctcg	tccttaattc	actaagggga	aggttgtaac	tttggggctt	420
tggctctcga	gtactgacag	tagtctttgc	ttccagaaat	ccagttaacc	tgaaaagcca	480
ctgtgactta	acctttgtgg	attactggat	actggcagtc	taacccttc	cacctatgga	540
gactgatagc	gtccaaggaa	g				561

<210> 808
 <211> 560
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(560)
 <223> n = A,T,C or G

<400> 808						
actgaggtct	gtgatgggtat	ttcctggagg	ncagataagt	ggtgggtgatc	ttcccctgga	60
gtcggcagca	gtgggccagc	ctctgttctt	ccttgctggt	gagggcctct	accctatagt	120

ggaactgctg	ccatcaagac	atcctgaagc	tatgccattg	accaagaatg	gatttgaact	180
taggacctct	ggaagaggtc	agtgccttta	actgctgagc	catctctcca	gcctgaagga	240
acatttcctt	atgaaccctt	accatagcta	catttccaac	ttgaaactta	gaaaacttga	300
caagactgag	gctgtgactc	tagtgggatg	tgtcctgtta	tctcctcca	tgacagcgtg	360
acttcatctg	ggtgagatag	catctgctgg	atcacctctc	ttgtaaagtt	atcatttttc	420
aaagaattcg	tagagagatg	ctttgaacct	gagttaagat	ctctcattcc	tcgttcaatg	480
tttattccat	caagatttag	taaacataat	ttgccaaata	gatcattgct	ctgacacaac	540
tccttgtaaa	ctttatttgt					560

<210> 809
 <211> 560
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(560)
 <223> n = A,T,C or G

<400> 809						
actgaggctg	tgggtgggtca	anattagtag	aaatccaana	tacaacgaac	actaggatac	60
aggtgnataaa	angaaatcct	gaggcagaaa	tcaaaatttt	tggtngtaca	gccatgcana	120
canaagcaaa	aacagtgata	cgatantgtn	gtnananaac	aacaataatt	acattccagg	180
acaaagagtt	ggtattattg	cattccaacc	taccgttgna	gcagatacca	gcacaagtga	240
gagtgttaaca	gacgatcagc	cattgataga	ttgggatcaa	attcgagaag	atgctttgaa	300
atgggaaaaag	aaaaagtggg	caggaaaagaa	aattttaata	taacatgtga	tgacttgaaa	360
gatgggtgaga	agcgtcctta	tccccaaccc	tatatgtaaa	tttgaagatg	cctttcaaag	420
ttaccagaa	gtaatggaaa	acattaaaag	agcaggcttt	caaaaaccta	caccgattca	480
gtcacaggca	tggccaatag	ttctacaagg	aatagatctt	attggagtag	cacaaactgg	540
aacagggaag	acacttaaaa					560

<210> 810
 <211> 560
 <212> DNA
 <213> Mus musculus

<400> 810						
actgagggct	aaccgtgtgt	ctcaatgttt	ggccaacac	atatgttcac	aatggggaag	60
cagggcgaaac	agacggcgag	gcttgattcg	cagtaagaag	tcaggacgct	gtgtttcctt	120
gtccggagca	gccatgtttg	cacctgatcg	aggggtgggg	aagacatgac	cacaggagta	180
cgaggtcacc	ctggagtcca	cagtgagaaa	gcaggcaagc	gagcgctcgt	gctcagcttg	240
ctttctctaa	gcctaggatc	ccagcccaca	gaacgctgca	acccaccac	cgctggctc	300
ttcatcagaa	atgaaatcct	tctggaatcg	ccctcacaga	cacactagag	gtgtgcttcc	360
tcagtgatcc	caaaatctag	ccagaatagg	tattcatgga	agccaagaaa	agttactcaa	420
cccctgagga	tcatgacca	gacagggtg	gccttgatg	tgtcttgcaa	gatatactat	480
tctcaactct	gagatcagtt	ctgatgagtt	cctgacacgc	atggacceat	acagtgtcta	540
gtgttgacaca	cacagaaagc					560

<210> 811
 <211> 560
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(560)
 <223> n = A,T,C or G

<400> 811						
gactgagacc	caagtctgca	ccaggccagt	gagagatccc	atctngaaaa	agcacagtgt	60
ggaggttgcc	tgaaggagga	tgtccgagga	cgccctctgg	ttccacata	aacatgcatc	120
ctcatgctca	cacccttgca	atcatggaga	caccatatat	gcatacatag	actggcttct	180
cagggctctcc	atgacacagg	gtctccatga	caacaggata	accggaagga	ggaccgngna	240

ggatccaata	ctgatggtgt	cccagaagcc	agagccttgg	aaccagagca	gtgactcact	300
gcaatgacca	tttgcagtg	aagatgcgtg	gacagaggga	tagactgcag	gacacaccat	360
gacacactac	agcttccacg	atgagatggt	tttttatgct	ttgggttttg	ttttgctttg	420
ttttgtcttt	tggttggttg	tgtgtccttt	attttgggtg	agaggttgaa	agagccaagg	480
gtggatatga	gggggcaggg	agatgagcga	gattgggctg	cgcgatgtga	aactcacaaa	540
gaatcaatta	ataaataaat					560

<210> 812
 <211> 560
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(560)
 <223> n = A,T,C or G

<400> 812						
actgagctta	aagaatgacc	aaaaaaagga	aacgccaaga	tgattttcag	aaagtaaaac	60
taaaagttgg	taaaaagaag	cccaagttag	aaaatgctac	agctacaaac	tttaagacaa	120
aggctataca	tttgctgaa	caacttaag	aggatagaac	accttccgac	aaacaataga	180
aagccttaac	ataaagganc	tggtgacncn	tatgcancag	ntatangang	agntggtana	240
caaagtgtgt	cntnttggn	ttaangaccn	tttgantcan	nccccattta	taatggatgg	300
cacanccttc	aaacntannn	agtgangnga	ctcgcggtgt	ggagcgggcn	gnnnntncta	360
attgntcggn	tagcancagt	tcaacttctt	caanttcctg	gcccccaaaa	tacaaactga	420
acacattttct	ccattttttc	ctttgggaaa	ntgcccattct	ctntaanagc	cataactcac	480
attactgaaa	gaattcagga	aactctctta	aaagtncnng	gacattctgc	ngggancatt	540
atgccagctc	tcattttactt					560

<210> 813
 <211> 559
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(559)
 <223> n = A,T,C or G

<400> 813						
gaactgagat	ctgggtggctc	ctccaggcag	gcaacagctc	cctcgggtgt	tgagtgagct	60
aggcaccaac	tggaagagtg	agagctgaaa	cgggttgcc	gaggcggatc	aaaactcgac	120
tgatgctctc	tgggattgcc	gggcagcgga	cattcctccg	gcccctccat	ctgggtcct	180
gtggatagga	ggggccgggc	aagcangcca	gcctgggcta	tgatttggtg	tctnctgntg	240
accgtctctca	gcctgatcat	cagccagggg	gctgacggnc	gaanaaagcc	tgaggnggtc	300
tctgtgggtg	gccngctgg	ggagagtgc	gtgcatgggc	tgtgacttgc	tgccctccagc	360
tggcgtccc	cctctgcatg	tcatcgagng	gntgggcttt	ggattcctgc	ttcccatctt	420
catccagttc	ggcctctact	ctccccgaat	tgaccccgat	tacgtgggac	gagtnccggt	480
gcagacagga	gcattctntcc	agattgaggg	gntccgggtg	gaagaccagg	cttgnaaccn	540
agaaagggga	tcttcttgc					559

<210> 814
 <211> 559
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(559)
 <223> n = A,T,C or G

<400> 814						
ctggggagct	cctgcattaa	gtcagactga	gtcaaccgat	nttaaggaan	catctcataa	60

ctgcaagcaa	aggcantact	tgattgaacn	gganggacag	acagattaag	gaacttcagc	120
aggcattaac	agtcaagcan	aatgaagagc	tnaccggca	gaagagaata	ngtaacaccc	180
gcaagatgat	agaggatctg	cagagtgagc	tcaagactgc	ggaaaactgc	gagaaccttc	240
agcctcagat	cgacaccgtc	acaaatgata	tgaggcggtg	gcaggaggag	aaagccttat	300
gtgaaggcga	gatcattgat	aaacagcgag	aaaaggaant	gctggagaag	cagagacgga	360
gtgtgagtga	tcatattaca	cggtttgaca	gtcttatgan	tcaagaagga	agatanagct	420
gagacagcgg	taccgggnta	cgtatgatgc	agtcttgtgg	cctgagaaat	aacagngaca	480
ggtttanaca	aagagtntgt	gaaccataa	tgctnacggt	nngaaagtgg	ttactcattt	540
ttgtacatt	ttgttagtt					559

<210> 815

<211> 592

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(592)

<223> n = A,T,C or G

<400> 815

gactgagagt	ctctgcagga	ggtatcactc	cagacgggca	gatcatgctg	gcancaacag	60
gggtggctga	naagtgaaag	gngccagcta	ctgaggaggg	gccccagcag	cccctaaaac	120
tcctatcagg	acatggagta	tgaaagacga	ggtggctcgtg	gcgaacnggac	tgccccgctat	180
gtgagccacg	tgatcggtta	caggatgata	ngtggacaga	nccgcatgcc	ggnaccatga	240
ttatagagac	atggactacc	tgccctatac	ccacnaggag	tatggcangt	caggagggcn	300
agcntganta	tgacnactca	tctgaagagc	ntagttgcat	gagtatcccg	nnnncagcgt	360
gcgagtncgc	atggnagtcc	angcacggna	gagaccagga	ctgatgccgn	aacaaatcgc	420
tcaggtcatg	agcacngggc	gttcgccttc	gnctgagctt	agtcnctttg	caggaccgct	480
acacggatgg	atnggaaagc	ccaattcacc	agctcncttc	aacantcctg	gggcengag	540
gtntgcattg	cattacaagc	ngaccccaag	cccaagcatc	aatgaggacc	tg	592

<210> 816

<211> 556

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(556)

<223> n = A,T,C or G

<400> 816

actgagtggt	gtcttttact	cgccctacgag	tacctgtgctg	cgctgcagga	ctccgtgccg	60
ntgcccgcg	tgcgcgctg	cctgcgggac	ggcgtgctgg	acttcaatgc	cgaccggctg	120
cgcgcggtgg	actgggcacc	gntgntcagc	acgctcaggg	tgaaccgcga	cctgccgctg	180
gnggccatca	agagctnctt	ccagccgtgg	ctcggggaaa	cagttctgctg	gtccggagggt	240
gcgaggnttt	ggtcggagaa	gtgggagccc	ggtgcaggat	cancctgcga	agcggcctcc	300
acctagccac	aaaggagtnn	ttgccgccc	ctccnttgca	ggnngccgcn	naggancana	360
gnctgganta	gtnaagctag	ggagnagaac	tnnacactgn	ctnttattac	agcgaggatg	420
accaactctg	caccnnnagg	ggaanatgca	gtgataatnt	aacaaatggt	ccntgccctn	480
tntnttttta	ggggttnaaa	ngtacattat	ccnttaattg	gnaattgcaa	gnctaataca	540
taaaaggaga	aggtta					556

<210> 817

<211> 556

<212> DNA

<213> Mus musculus

<400> 817

actgaggtct	tcgaagggca	tgattcccca	gtaataatcc	tcgccctgat	ccaaggtgca	60
ggtcgccctc	ccttcagggg	aagactgctt	cttgtgtgac	accggccatc	gaaagagact	120
ccgatggact	tacaccgggc	agccttcaag	atggagaact	cattctatct	tcccaacct	180

ctggcgctccc	cagcactgat	ggtcttggcg	tccactgccg	aggccagcag	ggatgcctcc	240
atcccttgtc	agcagccacg	accctttggt	gtacctgtct	cagtagacaa	ggacgttcac	300
attcccttca	ccaatggctc	ctacaccttt	gcctctatgt	accaccggca	aggtgggggtg	360
ccgggcactt	ttgccaatcg	tgatttcccc	ccttccttac	tacacctcca	ccccagttt	420
gtcccccaa	acctagattg	cacccaatc	agtatgctaa	atcacagtgg	tgtgggggca	480
ttccgtccct	tcgcttccac	ggaggacagg	gagagctatc	agtctgcctt	tactccagcc	540
aagagactca	agaact					556

<210> 818
 <211> 555
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(555)
 <223> n = A,T,C or G

<400> 818						
gactgagatc	ctgtagggct	gggagtcgac	tgcaaaagga	gagacgaaaa	attcttttgg	60
catggcacia	ctttatcccc	gctgttcctg	ctgtcactgg	caaacaccca	acaccacgac	120
ccttggtgaa	cgccaggctg	cgcgctgttt	accattgtgg	ctgtgactg	tttaacngtt	180
gtctcggaga	tcacccact	gcccgttccc	ccgtgatgaa	ctctgtctga	aaacatctat	240
aggcctgcag	gtggcaacag	cactcctaaa	tgggaaactt	cagatcatcg	aagccggatg	300
tacttagaag	gatgcgtcca	tgtctccac	tgggaatcca	tgagtcttca	ctgcaccgaa	360
tagaagggat	gcagagccct	gcctagtcag	cctcgcccca	ccccgccatg	tctctgtatt	420
tctcttctgg	aagaataagg	aagcgggtcg	gcccaccaac	acaaacacac	tctttgttat	480
ttgatttttc	ctagctccat	tttcaaccac	aatgtcatcc	ccctgctacc	ccgccaccac	540
ttagtgactt	tctgg					555

<210> 819
 <211> 554
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(554)
 <223> n = A,T,C or G

<400> 819						
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nngctncana	tctccagnct	gntggngaga	ncncctggca	cctgnagtgt	ctgcagnctg	120
gctngnatca	nngatgagng	gngtcatgag	gcagangcag	cgtaannnnc	atgnnnccgc	180
cctanctgcg	tccccacntn	acaaccacca	caagcctctt	gganggaaag	ggtagagatt	240
atgttacctc	ctgcagggtg	ctgcaccagc	tggtgcttca	ggnncnactc	tncttgctct	300
ttctccaaac	cctgaaaagc	caaaacgaaa	tgggaagggtt	ctgcagtcaa	gggtgtaaga	360
taacanaacc	taggagccgg	caccacaagg	aacatggggc	aggaagcggg	caggaagatc	420
ccagtttact	tcaaactgct	ctcagcaagg	gatgcgagca	gttatctgct	ccactaccat	480
cacccgcctc	aggagtgggc	ttccgggcagc	tctgaagcac	cacgggggtga	cagtctaagt	540
tgcttttatt	gccca					554

<210> 820
 <211> 553
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(553)
 <223> n = A,T,C or G

<400> 820

gcagcttgcc	ctatcnttgg	ggccctggag	accngcccca	gganngcccc	natggttnccg	60
ntttgacntn	gccccgng	ngaggcccn	gcncctcgng	ttggccaccg	nctgcttccg	120
tctttcccc	cngttggtgn	tgccnaagcg	cgggancgc	ttcattgtcg	ggggancaaaa	180
tccaaaccaa	agtttatcan	atgtacacac	catggacttg	gnaacacacc	agtgnacac	240
ggccaccagg	gagggcctct	tgccctcggtg	cagagcatgc	cagcttcctt	ccctcctgct	300
ctcctcacag	catctgggtg	tttggagggtg	cagaccagtc	aggaaatcga	aactgtctgc	360
aagtcatgag	tcctgaanac	aggacgtgga	gcacaccaga	agtgactggc	tccccctccat	420
ccccaagaac	attccacaca	tcgtccgcag	ntatcggaaa	ccaactatac	gtntttgggg	480
gagganagag	aggtgccan	cctgngggag	acngngaagnt	gcatgtattt	gacgcaaaca	540
ctctgacatg	gtc					553

<210> 821
 <211> 552
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(552)
 <223> n = A,T,C or G

<400> 821						
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cccaagaggn	aagagatgtg	gcttgcaagt	tctgcatthc	tatgctctgg	gctccttgc	120
ttcctgagtc	cctgnccccg	gcctnccctt	ggggngngtc	accattgcnn	ngngctgant	180
ntgctnccca	nagngacat	tctgcctggc	attntatttn	ctntgagtgn	tncgnggctt	240
cttggacaaa	caagagtgtc	tgggtgtcag	tggccttggt	ctgtggtnac	ttagtattaca	300
tctttggggc	aggagtgc	gatgatgggg	tatttgagaa	agntaatgat	accattcagc	360
catctataaa	angggaacca	nnggccaaagt	aagatggcct	caatggctaa	aggggggctt	420
gccaccaagc	ctgacagacc	ttggttcaat	tncctggacc	cacatggggg	ggaagaacag	480
agtctgttaa	ggtattcctt	tnatcttcac	acacaaacca	anagcagggc	accccttccc	540
caacaggata	cc					552

<210> 822
 <211> 551
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(551)
 <223> n = A,T,C or G

<400> 822						
gaactgaggg	ttgcttggga	anagcaacag	tcccggggcg	acgcagcaaa	gcgnttgtct	60
tctctntctc	tggccaagcn	gaanttttaa	tnaccntgt	ggagtaatgg	cctcaganta	120
gcataataga	aacagtgcct	taaanctact	tggcgaaaca	cagcccaggg	aagancaaaa	180
agcacttngg	agactacctc	atccttcgca	ctgggtccta	cagcanaggg	gaanagaggn	240
ggncttgnct	ancttanggg	ctgtgatnaa	tgantaggac	agtgtatgtg	ntttaaactg	300
aanccngccc	ncactttttg	gaaggtnatc	cnttccangg	ngctncngcc	nggtntctnc	360
nattttaaac	ccgtnacaaa	gtggagagaa	gcagatttga	tgcaagtaat	ttccgagtct	420
ttggataggg	agagtctttc	catcatcagc	attaggagct	gaatcctgaa	cccaggactg	480
ctaacaaggc	gatgggcaag	gtcaagccac	acctttaacc	ctttctgggt	tcaataaaca	540
aacaaacaaa	t					551

<210> 823
 <211> 551
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(551)

<223> n = A,T,C or G

<400> 823

gaactgagct	tgaaaaacnct	acacatcaaa	taatgatctg	ctacantgct	accccgagcn	60
tnaccttcca	cantgcctgt	gcaggcagct	cantggacat	nagtttntgn	cctgtccaat	120
ctgntataat	gaatttgang	agaatgtgca	caaaccatc	agtttaggtt	gatcacactc	180
agntngcaag	acctgcttga	ataaacttca	ccgaaaagcg	tgtccttttg	accagactgc	240
catanacnca	nacattgatg	tgctcnctgt	caactttgca	cttattnagt	tanttggagc	300
ccangtacca	gatcatcagn	caataaagtt	aagnaatcta	ggngagaata	aacactatga	360
agtggcnaaa	aaatgcatag	aggacttggc	actctactta	aaaccactaa	gtggaggtaa	420
agggtgnagct	agnttgaacc	anagctccct	gagccgtcca	atgcagagga	aactagttac	480
acttgtaaac	tgtcaactgg	tggaagaaga	aggctcngtgt	natagctatg	cgagcggggc	540
cgttcacttt	a					551

<210> 824

<211> 550

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(550)

<223> n = A,T,C or G

<400> 824

gactgaggac	tccctgcccc	gttctctgcc	tgagcccagt	tccccagctg	agcccagccc	60
tccanctgac	cctggctccc	ccgtttgccc	atcccccgctc	aagcgaacaa	agagtncaac	120
tgtnnatggt	ggnaacacgc	cgggcaagat	cccctcagag	gactccgtct	ctgagctcca	180
ntcctgcctg	aggggggcac	cgggaagtgg	gagcccaggc	acggggccctg	agagcccag	240
tccaagagaa	tgctgtggag	cctagtncct	cagatgccaa	gggtgcccaca	gagcaaccat	300
gtgtcgagaa	agctcctgcc	taccagcgct	tccatgctct	ggctcagcct	ggctctcccag	360
gccttgncct	accctacaag	tatcaggtgc	tggttgagat	gttccacagc	atggacacca	420
ttgtgagcat	gctccacaat	cgctctgaga	ctgtgacctt	tgccaaagtc	aagcaaggtg	480
ttcaggagat	gatgcgcaag	cgctttgaag	agcgcantgt	gggccagatc	aaaaccgtgt	540
atcccatgtg						550

<210> 825

<211> 549

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(549)

<223> n = A,T,C or G

<400> 825

gactgagggt	ctggcagaag	agctgacacc	aagnaggaac	aagtttctga	ggccgttaaa	60
acttcacaga	tattcttagc	caagcatggt	tataacanca	ttggaggnta	tgnnngagcc	120
ccnncnaccn	nnctctnnn	ccagacagag	acattggagc	angctganga	acctgcattt	180
gcatgtcttt	aaagagcctg	gaaatgaagg	aaagcatccg	ggactggaca	atgaggttca	240
agacaaaagcc	agcttcagtg	atgccggccc	tcaccatgga	aggggacgtg	gacagaatcc	300
accagcaatt	aatcaggcca	gcatccattc	agccccaggt	ctgagcaacg	ttnggantga	360
gnatacaagg	gacctcagcc	gctctctttg	ttctgcccga	gtgaaccagg	agccgcaacc	420
agaccagcac	ccatcctctg	tctgctggta	catggaaggc	caggaagaaa	gtggagggtg	480
agaacggatt	ttcaaattta	gatccttgga	aatttaatat	aaagcaggaa	cgtgcagcta	540
tggcttggg						549

<210> 826

<211> 547

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(547)
 <223> n = A,T,C or G

<400> 826
 actgaggttt ttcctctgag gctatgtgga aattaacggt gatgtttaag gacaagaaga 60
 ataacctaata caggagatgt cagatgtata agaaattgag agcctactgt agaactgcca 120
 cgatcttctc gaggaggactt ccatgtagag cagtaactttt cattacaggt ctgcgtcctc 180
 ttctgcnaaa cgaatctttac cggaaattag ataattgctgc tgattttgct ggctgtgctt 240
 ttagaaactc aagattttctt ggcctgcttc ggaaatgagc tcancacctc agtttttaag 300
 aaaagaatct gaaaatagct tcttggtctc cttggtgtgc tccaatggtt ttacttctgc 360
 tttcacctaa cccggctcct gggctcagcg ctctgcaatc caatctcact gtggactcct 420
 gtctcatctn tngtctctg aggcacctgt ctggtgtgat aatagaatga gtggagtacg 480
 ggnctcttta acgactgact tgttccanaa cctcagaact gaagtctgcc aaaagctatg 540
 atgccag 547

<210> 827
 <211> 546
 <212> DNA
 <213> Mus musculus

<400> 827
 gactgagaat gcaagaagct gactgatgga tccctgagct gccagatgac taatgaaaac 60
 ttccttttaa acgtgataaa gctctaagt cagcacgac cacatgatcc atgtgcctcc 120
 tataaaggga ggggtctgtc accagtgtta cggattgaat gctacgttta tcttccaaca 180
 taggaagcct gccaggcaaa cctagcacag aaaaccagct ggattttccc tgtgcatggt 240
 ttgaagagtc agtccctacat aattgctgac acaatgcaac ctgcaactgc cggagaaaag 300
 aacagttcac taaaatttgt tgtattttat atccaattct gttctgtaac tggtaacact 360
 agtttgtctg gcttttagaga ataggatgaat ctctaaaaca gtagaaacag ctcatgtggg 420
 caagggccgt tctagtagca tgctgtctcc ttggagtttt ccagattatt ttgtatagcc 480
 tattccagat tcttgtctaa gattgctttg ctctgtgcac tcagaattgg tgtgcctttc 540
 tatata 546

<210> 828
 <211> 545
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(545)
 <223> n = A,T,C or G

<400> 828
 ttccaaccac tttgaagccc actgggggaa attctccatg caaattctca ngacagctct 60
 gnccttcaa ataaccatga gatctggccc tggagacgat agnatgatac ccacactcca 120
 naagaaattc cacacnttta taaaaattaa agaacagtag tgcttaantnt gntanaggac 180
 agnncnntn tataaaacct gaccgtctta gctnctcct gagcgggata gatcncatac 240
 tnagcactaa tcanaactgg cntnacttag gncgctaccg aggggaagtg gggcaaaagc 300
 naagnnggaa gnacagntga tngacccccc agnngcaggc cttacctcan aagcttgna 360
 gctggaagcn gngtccnact cttgntgcgg atcctntnta nccgaagntg atnaccgaag 420
 tnnngcncca natgcgttcc gaagaacctt acacctgant nnagccaatn caaaatctga 480
 aggnattngc tggcnccan tttaagcaag gntnactaag ggaaatgnga ttaccaaatg 540
 ccttt 545

<210> 829
 <211> 544
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(544)
 <223> n = A,T,C or G

<400> 829
 aaccctcagc agaatacaac cctctgatcc tgnacctcca cctccataac tgtgggctga 60
 ataaaccttt gttcttttcta aacgaccctg cctcctgcct tctgtgacag ccataaaaana 120
 ttganggaaa ctntgacttg agcanagaat ctncagcct gtgacttgat ctatgggcna 180
 tgagtggcaa gtttggtgat canaagaatc tttgctgcct tgtttctgcc acctgggctga 240
 cagtcacctg aagatgngtt tcagaccctg ganatatggc ggcacaagcc actgtggcat 300
 gcaggagatg tgcacttggt cgtnnatgt ttcctagatc agaaccaagc tncagccag 360
 gaaacacctg ttntcnaa taaaggnta ttagacagat ggaatgctgc tgncaaaact 420
 gaaagaaagg aaccaggctc ggnacctgcc cccctgggn ccaaccccca agctctaggg 480
 ccatggattg aacatcaagg aagtcagggt ttctttcatg agagggggtg gaggcagccc 540
 tgct 544

<210> 830
 <211> 540
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(540)
 <223> n = A,T,C or G

<400> 830
 gactgaggta ccaacgaaca gcgttttctt gacttccttc ccaatgtctt tcattctaaa 60
 tatattaaga aacgtgctgg aatatttttg tgttcccgta gaccaggatt tgctgatttg 120
 tcaaaataaa aactgtgggt cagcctcgga naataaganc ntattatttg gagaaggcat 180
 tccttttaaaa ccttgcanaa gacctcattt tgagttgatc ccgcatgtga actctacgga 240
 gtctgatgat tatgaactta gggttccatc ttttgctgac gttttatgtg tggcaaatga 300
 tgaagaagcc agttgtctca gatttcgaca tagtctatgg caaaagaagg aagaaagaaa 360
 aattgctcct ttttatcctt caaaactaac ttgggatcca tcatcacctg gtctaagaca 420
 gaacaaaaca gagacagacc gatctgcctg taaatgaagc tgcaattaaa aagatagcct 480
 gcccttgnag atgagctgac cttttctccg gtctcagatt gctgcgattg tggcaatgca 540

<210> 831
 <211> 540
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(540)
 <223> n = A,T,C or G

<400> 831
 agactgaggc aattttctgg aaactgaaac cagcttatac gggacaaaaca gactggctgt 60
 catgagtttc catctgaatt gtggagatgg attaaaaacg tgagagagca gtgaagaaag 120
 atggtatccg gttaaggacc agggaaacga acctaccctg ccctggcaga ggggcgtggc 180
 tganaggggc gtggctgagg tagagagggg cgtggctgag gtggataggg tcgccctgaa 240
 nactgctgcc tgtggcccga gaagcctccc tagggtagat tggtaggagc tgancagtgt 300
 atgattctgg anaaagggga agtgtngctc aggtagaggg cactgcacga atcaacatcc 360
 aggcggcgcc ntagggccac cacgggtgcta tgctactact ggggagaggg gcaggctgcg 420
 gncatgtgct tgnattgggg tgctgcgcat ggaaaanagg gnggaanaat tcntccatgc 480
 tggctccagn anttcaggga cagggcttgn tgtttcctgt ggcaccaca gccaggctg 540

<210> 832
 <211> 539
 <212> DNA
 <213> Mus musculus

<220>

[illegible]

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<210> 833
<211> 536
<212> DNA
<213> Mus musculus
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<400>	833					
tccactggat	actcgtccag	agttcttgct	tnncttgatn	atacctgtat	atgaatctga	60
nngaccgtaa	ctgnccnaag	aaagaccgga	naggctggag	cggaacgnnn	cgnaatggan	120
gaccaganng	actgattgan	tnaagtnttc	cnatggnacg	nnagattaga	cngntcagan	180
cgngcacgca	atggattgac	acaatncatg	gncacctctg	ncntgnngat	ntttacngtg	240
gnaaaantgtt	nnaatgtnta	aggtnanatgc	ttnaccaatt	gatctctccc	cagccctttg	300
tattgtaatg	aattgaaatg	aatgaggctg	ggtgttgctt	aatgggtattt	atctagcatg	360
ttttaagatg	ctggggtttt	gagtcccaac	cttggggaag	ggaaatttaa	atttaaataga	420
ttaactgcac	agtggtgagc	natcgagatc	ntaatttttt	ggaaaccntt	caaagaggtt	480
cctattttaca	aacaccttan	acaaatggtg	agctagacag	agataatggt	aattaa	536

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<220>
<221> misc_feature
<222> (1)...(535)
<223> n = A,T,C or G
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<210> 835
<211> 530
<212> DNA
<213> Mus musculus
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220

<221> misc_feature
 <222> (1)...(530)
 <223> n = A,T,C or G

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<400> 835
atactgaagt cgactctttc cttctttacna tgttcttata ctaccaactc agcnacanag      60
gaagcacagg ccnaatnaca atctatgcat ctcagtgcnc ngcctacttc gcacagtgcc      120
tagttctggg tcacacacac aggtgcatca ttttgtatta actgccataa aaagtgaaat      180
gcccacgcc atggttttaga agtctagaac acgctaaacc tgggagaaga ggatgtttta      240
tttttatgta gcctccattt caccttctcc cgaggaacct acaagcaagc agcatgtatt      300
cattttgctt tcaaacatgc tagactcgag gaacagaacc gtctggaact cctgcagtga      360
ccagtaagat aaagttccta catttgcccc tgtgggtaag gtacctgtgc tgagcttcat      420
agagcctaag tgttcatggt caaagggtag gaggctgaaa atgcaaggag ttcccaagct      480
cacgtcttct agttcagact tgggtgtctct atgattagaa ctctaagtct      530
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<210> 836
 <211> 530
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(530)
 <223> n = A,T,C or G

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<400> 836
actgagcctc accggcatat gctgttgatc gtcttgaccg tagccgttca gtccaagggtg      60
agatgaaatc tcagagcaag tatcatgtgc atgaccctag ctgccaaagga tgctggatac      120
ttgtgaactt ggccattttt attcttcttt tgggaactct ctccagatcc acagacgatt      180
tttaattttt ttaaattgat ttttttggtt gtttcttagt actttgtata ttctgttatt      240
agccctctat tgggatttat agctggcagc ttccctccca cgcttccctc tcatgtgggt      300
gattgcttgc cttactgnng agaagcattt gagttttcct aggtcccat tgtcgactgt      360
tggctgtgat tccggagcaa atggaacccc gtccagagaa tctttcctgc acctgnnggt      420
ccctttcagg aatttcagtg tttccgcttt catgttgaag cctttgtccc attcaacgta      480
gaaattttgc acaaagnaat agatattgca tctaatttca aaaaaaaaaa      530
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<210> 837
 <211> 528
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(528)
 <223> n = A,T,C or G

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<400> 837
gattgtgggt atggagaagg tggatatgca cactgcatag tctgcectcc ccganagtat      60
aaaagcacgt tggggacatc acagatgtca gacatgcatc acttgtgtctg tcatcaatcg      120
ggtccagaag gccaaactgca caaatacctc taatgctatc tgtggagact ngctngccc      180
aggttctacc gaaagacacg cattgggggc ctgcaggacc aagaatgcat cccatgtaca      240
aagcagactc cttcttccga gggtcagtg accttccagt tgagcttagt gaaggtagat      300
gcacacactg ttccccctag ggaagccaca cttgttgac tggtggaag tctgtagtg      360
gtntttgctc tggccttctc tgaactcttc ttcntttatt gcaagcaaat cttcaacnat      420
acnttggaac tgcannaatt atatctatct aatntttcac ataaatcann aattaaaacn      480
gggctttttt tttntttggt aaaaaaggac tttttctaaa aaaaaaaaaa      528
```

<210> 838
 <211> 527
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(527)
 <223> n = A,T,C or G

<400> 838
 acttgagggtt tttgaatcca gtgaagaatc cggggagtct tgtcctcacg ngcggtgtnt 60
 caggtcactt cttcntttcc caagggcaga cactgctgga aggggttttca ctcattggca 120
 gcaagantcg gttgaagant gtaagacgca tggactgtct tctggttggga acaacaataa 180
 agaacaagag ccgaatgttt cgtgtccagt ttagtgggga gtccaaggaa gaggcgctgg 240
 agcgctgctg tggctgtgtg cagaccctgg cccagttacg caccgttcag gagcctgaca 300
 gcaccaccca ggagcttcag cagagccaag gcccccgga ggcaggtgaa agccaaggga 360
 aggaccact gcancagggg ccctccctga ccctggagca gcacgtgtgt atggcagctg 420
 gggcaggtgt tctacaggaa aggacctnag tgacacatcg agntcagttc atcctggcgc 480
 cagagaagct gaccctcgcc tatgaaggct cttcatgggg aacagaa 527

<210> 839
 <211> 527
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(527)
 <223> n = A,T,C or G

<400> 839
 tgaggagctg agaccacagt aaaaccttat caatgatccc tctataaaac ggcacagaaa 60
 ctgaaagcag agagtcaaat ggataccaga ctgcccctgt tctcgcggg ttgtntcaca 120
 gagccaaata atggatcaac ccagggccca tagacagtaa acagagtatg gtctgcacca 180
 caatgaactt cgtattattc accacagaag agaggcagga ggcaagggga tggatggagc 240
 agcatataga actccttgtc actccgccct gataacctga gttccatttc tgggacccag 300
 agaaaggaag cgtgagagaa gcagctcccc cgggtgagcac catgactctc atgtgcaccc 360
 aagcacacag gaagaccctt gaccacgggt gctaagttaa agaagccaga aacaaaagac 420
 tccgctaaag caatggatgt ggggagagcc agccagatca gaggcaaagg agagtggcgc 480
 ttacttggga gctgaagga gcttggagag ttagtaccta agaggca 527

<210> 840
 <211> 524
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(524)
 <223> n = A,T,C or G

<400> 840
 gactgagatg caaagangcc tttccagaac agnaaccag acntgtgagc cgctggncgn 60
 acacaacaga gnantgantg ccatgtcact tttcttgctg tccaaaacac cttcaacagt 120
 gcctgagtag atcaaaatgt tctgnttaat gtactctgga gcagatctgn ggccttctctg 180
 aagactgaat tgagagangc ctnatgccgt gtgctagggt ggttctctaa gacaaagcta 240
 tgggtctcagt ctacacacac aaacacactc gagaaatgat cttgacaagt ggccctgagt 300
 gctgacttgt aacttgctgt gtagctcaga ccagccttga acgttcattc ctcttgccctt 360
 agcttctctga gtagctgggg ttatagatct ttaccactaa ccaaggcttg gctcttaagt 420
 tattttggaa taatttactt gnacttttta agcttcattt tccacaactg taaaaagcaa 480
 gcaaccaaca aacagtccct gtaaatacaa ttttggtcta cttt 524

<210> 841
 <211> 524
 <212> DNA
 <213> Mus musculus

<220>

gactgaggtg	ggtttganct	gctgtagcac	actggccagn	ggccatattn	actgcttgag	60
cnngnntcaa	ggncanacag	gangcttgct	ctggtnccct	agaanacaca	ntcnnatggn	120
cttggctcag	gacanacgtn	tagtngtgaa	angaagacct	tntgacctga	taccagagc	180
acaggcctgc	agggtccctg	ggaaagggtg	gacctctgga	ccngcagat	cgtcttgacc	240
cagccttgan	ataccaacat	cagctngctn	gggcatggan	cgcttgctcc	aaaatggcag	300
gaagaanagc	cttggngtgc	cgaggattnt	ntacctgcc	aggaagaana	agacagggac	360
caggcccttc	agtaacngtc	taaacatcct	tttcgntgc	ccctgcgctc	gcnetgnatt	420
gttagtgatg	canctngcnt	gtgggcntgc	tagagtctgt	nactaagcn	gggggaagtg	480
acagacagat	gaagtcagag	caggggaggg	agcacagcct	ggga		524





```
<220>
<221> misc_feature
<222> (1)...(517)
<223> n = A,T,C or G
```

ttcaccgcaa	agagctcccc	ttcagancta	natcaggatc	cnnacgccga	gnaaagccag	60
tacntccgtg	cagcagtntg	tgncaaattg	ctttctctga	cntccagtgc	cactaggaga	120
cacttgcatc	cttgcntang	ggcaanaagc	ccgttctcct	gccccgagtg	tggttttaca	180
gttcgctcgc	ctanacaatt	tgaaggcaca	cttgaaaatc	cacagtaaag	agaagcacac	240
ggnagactcc	ancagtgttt	ctggcagcta	atggtggacg	agggcaggaa	cattcttcag	300
ctgcaacctc	accagctctc	cacgtaanaa	gagcaggaga	ttcagcttct	tgtcaccgac	360
tctgtgcata	acattaactt	catgccaggt	cccagccagg	gggtcagcat	cgtggctgcc	420
gaanagcccc	canagcatgg	ccacagaccg	ggctgccaac	atcaccttgc	tcacacagca	480
gcctgagcag	ctgcagggcc	tgatcctttc	cgctcaa			517

```
<220> .
<221> misc_feature
<222> (1)...(512)
<223> n = A,T,C or G
```

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ggtgtaatac	anaaaatncac	aaatggntga	agtgcanaaga	ntactgtatc	tgngaagngc	120
tctttaatag	atgaagcatc	tgtaccacaa	ctcctgatac	ttcagctcaa	ggacagnngc	180
nggangaggg	ggcngaaaga	gtgtaatgag	cctanaagtt	gagagcgaat	ccatgtnttc	240
tggatatcac	aagactgctg	atctcataag	cccacggaag	ccatgggttt	tttaacacga	300
tcaagcctat	taangattca	cgtatgaaga	gagatgggtt	cataagnccc	tacaactaat	360
tgagaancta	tngagngttg	tttactactt	ggagaaggaa	ngccaaattt	ntttaaggat	420
ntgattcctg	gtaggmngac	catattccaa	agnanggttn	tacaccaca	nangcataag	480
taaaactaac	nggactcaat	gggatacttt	tt			512

 $\langle 220 \rangle$

```
<210> 845
<211> 508
<212> DNA
<213> Mus musculus
```

<400> 845						
ctatacaaca	gccaacgcgg	agtctgatta	cgagcgggac	tccgacaagg	agagtggaga	60
tgctgaggac	gaagtgagct	gcgagaccgt	gaggatgggg	aggaaggact	ctctggacct	120
ggatgtggag	gctggcgtcc	agtcnngtcg	gctggccnc	nttggaggag	gatgacctcc	180
tcaggccgag	aggatgtgca	gctggtcctg	ctgcaggccg	atgagctgca	ccagggcagc	240
gagcaggaca	agcgggaagg	cttccagcct	gctgctcaac	aataagcctg	gcgtatggaa	300
gccgacaaga	ctttctgtgg	cgcctggccc	gggacctacag	tgacatgtca	gaccttactg	360
aggaggagag	cgggaagaag	tccctacgcc	taaatggaaa	agaagaagca	gagggcttgc	420
ttctgaagaa	aggagatgag	agtgctgcgt	gccaccttgt	ggtantgcag	tgctctgtgg	480
tcagcttggc	ttgagcattg	agggcatt				508

```
<210> 846
<211> 505
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(505)
<223> n = A,T,C or G
```

<400>	846						
actgagtggc	cagctgccgt	ttgaggcgat	gtctgccctg	gttgactcag	aaagtantnn		60
gmcttcacc	acnctantag	taagcaatga	nccttagcng	gcttgcactg	aggntctaga		120
tcngntngag	atcgancnca	tcacgacttc	tggttgctgn	caacactgct	ggtgacntag		180
ctcgccctata	gtgggctcng	ntacgaagag	gtacntncna	ntcacanggg	gaaagtnaaa		240
tttgctngag	aggattgcat	aacttgat	gtaatttcca	gagnaatgcg	ttgncangtc		300
cagctacgcn	tttgccagat	ganggcaagn	gagangaacc	tcacccatgg	ccacntgagc		360
ctggcatatc	tagcctttaa	ttnttnaga	ggggactaga	tggtggcntg	nggactacnt		420
gtgggcgggc	tacnttgctt	nattaaaaaa	gggatttcng	acattctatg	tgggattgggt		480
agccatctta	ggacagctta	gaatg					505

```
<210> 847
<211> 505
<212> DNA
<213> Mus musculus
```

224

<221> misc_feature
 <222> (1)...(505)
 <223> n = A,T,C or G

<400> 847
 gactgagatt tattaatttt atgcataatna ntgttntctgc ctgcctgngt gtgtggacac 60
 catgcttgnt gcctgatacc tgtgangggcc aanaagaggc catcanatcc cctggagctg 120
 naatcagnga agactgttga gttaccatgt agngccttgg gaatcgatcc caaggcctct 180
 ggaggggcnng cantcaaagg ctctgaatca ccaagacatg actaaagctc ccnatttttc 240
 tattggaaaa nactaaaaga aaanctnatt atngcngngcg nntggagnca tatcncgagt 300
 gangaaggnn agaccactnc tggngngatt naagncagan ncantncatt tataatnacna 360
 ngcgtgcacc nttactgctt ctactgctaa accatctntn tggngccngg atttaattat 420
 ttttactgag gactgnaact gccanagggt ttctggccca tngataaact ggggttgctac 480
 cttgggttnt aattccaata aaaaa 505

<210> 848
 <211> 503
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(503)
 <223> n = A,T,C or G

<400> 848
 gactgagctt atctgagcat ccattataga aaatgggtcct gaggggaactt ctgacgtcag 60
 caggaatggt tgaagacatt tgctgcgaac aaggaagcaa tagcctgtgc ctgctgggtct 120
 atgatgcctt tacacctcag tggttctgac aacagggtgc ttctcataac cttctgatgg 180
 cctgcctgaa gctgtgtcct ctccactgct cccaagatgg cttgaatgat cgtatctatc 240
 ccgaggctga gcacggnaac gccaatgctt ccaagganan aagtcccgat gngagctagc 300
 acananacca ncttgctaatt tatgccagtt gngacacttg agcccaccag tttaacagcc 360
 actgcaactgg ctgcanatgt agcttntccc aggatgacan aaatgacctt ntgcacnatg 420
 gcaatntttt ccgnttccct ttccttaana tcctgcagct tcctataaag ngtnnggctnt 480
 agttgggtctt tcaaaaaaaaa aaa 503

<210> 849
 <211> 501
 <212> DNA
 <213> Mus musculus

<400> 849
 gactgagatg acttggttttt cctactgaga tatgtcccag tactacagac gtgagctgta 60
 gccggacttc ccccttctga agctgctgag ctggttagctg gtggaggagg ggacaggagg 120
 ctgtcccagt cccatgccat cccaaagaaa cccagggtcaa catgcagaag ttttcaggac 180
 tgtcccctgt gtggccagggt ggctttgcag ggaacaaaac tccttccatt cctgggctgc 240
 cttggaatgt ccttggaaga agttgcatag acatactgtt tgctcttctt ggccctcagt 300
 tggctgggct gcaagtcaag agtgtgacat ctgcagcctg ggtgagactg agcagcacia 360
 gaaggctggg acaatgactt cctgtgcaaa caatgcctgc ttcccatgtg agatctgagt 420
 ttattccccc agactgcgag gggagaggca gcatgctgaa taaagcttgt cacctaaaac 480
 tttgacatgg aaaaaaaaa a 501

<210> 850
 <211> 500
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(500)
 <223> n = A,T,C or G

<400> 850

gacgtctggg	gagctcctgc	attaagtcag	actgagagat	acgtgattga	cttggagggtg	60
ggctcacagc	acttgatccg	atacaaaacc	atcgcacctc	ttgttgcttc	tgagagcagtt	120
cagctaatat	aaaacaaagc	aagcctgagg	acatggagtg	gtcacagaca	atattagaaa	180
cgccatcttt	tgtgtcta	agtgaagtca	tgttccatac	agttcgtcag	caatgtgtgg	240
accacttgga	cgtagaaagg	cgccgatgca	gaattccctt	cgttgtcaca	gccttctcct	300
aaattcctgt	ttaaccagca	ccaacagatg	ggcccgtgct	ctgaatactc	agcaaataaa	360
tcaacagtca	ggtgtgagcc	ttttattttt	ctactacttt	actgagctna	nnagggggcc	420
gcgaaagagg	ctacccctgc	cctgcccacg	atggccagat	ggacctgggg	cataacttga	480
tgattacaga	gcttccttta					500

<210> 851
 <211> 499
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(499)
 <223> n = A,T,C or G

<400> 851						
tcgactctga	caccgcccac	tgctgggnann	tgaggagcca	cacnecgteen	netttctant	60
gnaccagana	ttattccngc	ggagaancga	gctcnangta	cccgttctct	tcatnncnng	120
tgtnccatgc	natnganttn	gagnccttgat	ctcgacgnat	gatggatctc	acggntgaag	180
gacaccccac	ccaccccac	caaccccaga	tgacctggac	ttgcatgctt	ctgtgatttc	240
aatgtgttcc	ccaaagttca	tgtatttgaa	gcttaaattc	ccagtggaca	taccagaggg	300
agaacttaca	gaaaggcaca	gggtagaatt	gatgttacag	agtgtgtcaa	ttacctagaa	360
ggtggatttg	taatttaaaa	ccatgcttgg	ncctctctta	cctactctcc	tcctggaatg	420
atgcagaagg	aagggttncct	gccaaagctgt	ggncctctga	tcttagacct	tccaacttct	480
aaatctcaaa	ccaaatata					499

<210> 852
 <211> 493
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(493)
 <223> n = A,T,C or G

<400> 852						
gactgagttt	tcttcttatg	gaaatcaagg	cagtcaaggc	tatggacaaa	caccacaagg	60
ttattctggc	tatgggcaaa	cgactgattc	ttcgtatgga	caaaactatg	gagggttactn	120
cggttatgga	caagatngat	caggttatnc	acagtcgtat	ggtagttttg	agaatcntta	180
agcagagttc	atatggccag	caatcataca	ataaccaggg	acaacaaaac	acggagtcac	240
caggaggtca	aggtggaaga	gcaccttgat	atggccagnc	agactatggn	cagnaagatt	300
nttatgacca	gcantcaggn	tatgatcanc	atcaaggctc	atatgatgag	cannccaatt	360
atcanccaan	atgattccta	taatnaataa	ccaacannct	taccattcac	aaaggnaaaa	420
ntacanccac	ccancacaca	atataatccg	cgcnnnaattt	aatctaagta	tgnaanaaca	480
taatacataa	tat					493

<210> 853
 <211> 493
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(493)
 <223> n = A,T,C or G

<400> 853

ccagaagagg	gggctggatg	cncctggaant	acaangtggg	aggaggacca	ccatgtggat	60
ggggccctgg	tccatagaac	gggcagccag	tgctctcacc	tgccctgagcc	atctctncat	120
ctctcttctc	tctgacagag	gaacctctct	agctctagct	ttgaaagtgc	cgngggccgcc	180
caagcactga	gattgntggc	acaccnacc	cgccgtccat	gccctgnatt	ntatattttc	240
cccagctccg	cagtcttctc	tctnctctct	cctttccttc	tgaganttaa	atgcagagca	300
ttgnatacta	agcccacacc	cttctctctg	cccagaaaacc	attctgtatg	ggacagaaga	360
caaggacgca	agcccttctt	ctttgnagaa	tngtctagag	ctatggntnt	taacctttct	420
aacncnnntg	acactttaat	acagnancct	catgttgagn	tgaccctcaa	acataaagta	480
caag						484

<210> 857

<211> 484

<212> DNA

<213> Mus musculus

<400> 857

ctgagccctt	cctgagctcc	cccaatcttc	tcattgctga	acaaaaaag	gataaaccac	60
tctactggaa	ctctggcaga	cgacggctgt	tttagggaaa	ctgttactca	actatgagat	120
acttcacatc	gcaaccccaa	tgggtagcct	ttcaagacaa	ggggaagaag	attttgatct	180
ttaatgaagg	gcagtaaaca	gggtgcttgt	tcaaaactca	gggaagggtt	ccccaaactc	240
cttggtggag	aacaccaagg	cttctctgag	gtgttctgag	cctcagccag	atcttgtaac	300
agattggcct	gattcacttt	tcagagctac	aggccacgcc	atgatctctg	ccaacacctg	360
agccaggtct	atggggagtg	gcagctcctc	cccagaccag	cagatggaag	ggaaatgtac	420
tcaccttc	tttaccttca	ccaagtctat	gaggaattaa	aggattttta	gatgaaaaaa	480
aaaa						484

<210> 858

<211> 479

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(479)

<223> n = A,T,C or G

<400> 858

cagatgtgcg	tctggtat	taaaaagnat	catcaccatt	atcatcatcg	tcacgtcat	60
catcatctat	gtgggggag	actgatattt	tgccctgcata	tatgcctgan	taccacatct	120
gtgagntaga	cagttgcnga	gacaccatgn	atatgctgta	gaactgaacc	tgggtcctcc	180
agaagggata	gncngtactc	tgagcacggc	tttctcgaca	gattctgaac	aacagntttc	240
aacttagagc	ttngaagatg	atagaagtcc	agaatattca	aagctaattc	gtgtattaga	300
atgagcaata	ggaagatccg	tgtctgggtg	gcaaaaaggc	ccaaagaaaa	ttaaagaata	360
caccatgcag	agctgctggt	aggtaaccac	ggggcatata	gaaaaccatc	aggtttttat	420
ggagcaaaaac	aatgaacttg	acaaaaggaa	cttggaataa	ttagtaatca	taggataaa	479

<210> 859

<211> 477

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(477)

<223> n = A,T,C or G

<400> 859

ccctatgcca	ggtggggcag	mntgcagaga	gnaanagacc	ctggcgagca	tggtctgtga	60
cactggatga	nagnnagact	cagcaagtga	cgaagatgtn	acaacaaant	aacttacaca	120
actggataga	gacgcttgcc	cacagnnaga	acnncgcagc	ataatggaga	tgaaggccga	180
ctggggccagg	agtgtatggg	agatgatcan	gactttgacc	accagacaca	gaggacgcct	240
gctggaccct	gcncgaatgc	agntcaagat	ncgatgcang	ntaannagnn	agnncctann	300
aagngngtat	ccacgcncna	tacctgnnct	ctgnccgttt	ccaagngnag	ggcaacttgt	360

gattagggcc tgggtttcat ttctgtaccc tctnecatct tcctttgctg gcctctggcc 420
 ttttgacaca tacntaagga aaccttccta aaacaaaggn taaaaatact tccctta 477

<210> 860
 <211> 474
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(474)
 <223> n = A,T,C or G

<400> 860
 ctatcttacc agagatgtan ctgaacatat ttttcttcag tgctttttctc ctngnaaacc 60
 cactatggcc aggaactgct ctgagngcnt ggagaagcgn ncagnacaca tcctctgnac 120
 atacatgcaa ccgntggctg ngcagcctcc tgcacagagg agcaccgncn tgnccagcc 180
 ccgnggggcc cactntttgc acgggcacan aagggatcct naggggtgaa tgggtgntct 240
 ggggactttg ccttgtactg cctctgcan acacannaag tgctcaagct tttctgagag 300
 acgtgcgatg tactcacctg ccacagctnc ctgatgggtg agcacaaga gcacagatgc 360
 aggcacgtgg aagaagttct acaaaaccag aggatgctcc tggagagtgt gacttcccag 420
 gnggcacata agaaatccag cctacagaca tctgcaaagc aaaatcgagg acag 474

<210> 861
 <211> 474
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(474)
 <223> n = A,T,C or G

<400> 861
 tcaccatgca gcattagcac acattgggag acaggcngtc natcacaggg tgattnactg 60
 agcnnnnnt tnnngaaggc gaatatgggtg cnnncttcc tttgtttcnn atgggtgggtg 120
 ctgagaagcn aaantgcttg gnnanagncc ttctggaaca ancatntgnt gtaaaggaag 180
 gacagactga canggnccac actctgngn cnagctgatg ngacccaaan cctctccaan 240
 tntnctgct cctnccactg angaaggtgt acccttgggt catgcccttt gatcctgcat 300
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 tgagccctgg cccagccacc ttcccttcca ttanacacca ccacctgttc ctgg 474

<210> 862
 <211> 473
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(473)
 <223> n = A,T,C or G

<400> 862
 tgggtggcatt caatcaaaac aaggccctca tgggtgaccg gggcctgctg ccctgcaaac 60
 tgtacctgaa gaatgtccag gagtacttcc agggcagcac tggctgggct gcctggacct 120
 atgcaccaac cattatgttg ntgntggact ggctcagacat gaacttcaac ctggacctca 180
 ttgctcttct tgggctgggc atcncgtntc ttgtcctggt gaccggctgt gccaacatga 240
 tactcatgac tgccctctgg gccctctaca tgnccctggt caacgtaggg cagatctggt 300
 attcttttgg annngnnna ccangcngaa acanaccgag ttctnnanaa cntnctgagc 360
 actctctngc acnctgatcc cncctgctca ataacacccc aacntcccag angggactga 420
 gngccttncc catgntctgat ctgananaaa caagccttgg accagggata tca 473

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<400>	863						
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tccatagaaa	tcctctggac	tttgtaccgc	aaagtgaagt	cctccagatg	gtcgcttggg		120
tacctgtccc	tggccgacca	tggccttttc	tctgatgggt	acagcatgac	tgaccttacc		180
caggaaatca	tcaacattag	cttcacactc	atgaggccct	tcctgcccc	gctgcttctg		240
cttagttctc	agccttgtat	cctgctggaa	aagcagacca	tccagctggn	nanccacgaa		300
gngggnagat	nttacaaggg	tnnnctccac	agccagcccc	tgctcctatt	canntccatg		360
anggagnggn	ngagngtcna	natgnaatac	aaatnccaag	accncnannn	ncatncttag		420
tcnnangncn	gggnaaaaac	ctnnccnatn	atntangaga	tgccacctct	tg		472

```
<220>
<221> misc_feature
<222> (1)...(470)
<223> n = A,T,C or G
```

<400> 864						
gactgaggct	gatccagggc	tttgagctga	ccaactccaa	catctacccc	attgatgaac	60
tgctggagct	cgggagcttc	ggaaggggct	ggctgtccan	acccaaagcc	gnaggatctc	120
catgacacag	gggccagaag	aggagagctg	agaggaatcc	cagtgaggat	ccntcagtga	180
cagtgcagca	ggcagccaga	ggcctcganc	cagaccaatg	actcactana	atgaacatac	240
gcangtaaa	ctatttgggc	aaaagggtgt	cctgtgggac	acactgtgac	acactacagc	300
ttccatgacc	agatggtttt	gctattcttg	ttgtgctttt	cttttctttg	gatgggagtg	360
tgtgttgcaa	gggccgaggt	cagatatgga	gggtcagggg	gacnaatagg	atttcggggg	420
cactatgtga	aattgacaaa	gcaccaataa	aaagttttta	aaaataaaaa		470

```
<210> 865
<211> 469
<212> DNA
<213> Mus musculus
```

<400> 865						
gaggcgctcaa	gcacgggctgc	agaaggagct	tgcagaagca	gcaaaggaac	ctctacctgt	60
tgaacaggat	gatgacattg	aagtcattgt	ggatgagacc	tcagaccaca	cagaagagac	120
ctctcccgtc	cgagctgtca	gcagagcagc	tacgagacgc	tctgtctctt	ccatcccagt	180
cccccaggat	atcatggaca	ctcatcctgc	ttctgggtaaa	gatgtgagag	tcccaactac	240
tgccctcgat	gtcttcaggc	actagagaaa	tagttcatgt	taaaagtggg	gagctagaga	300
gaagactcaa	tggttaagag	aactagctgc	tcttcagaa	gacctgagtt	tgattttcag	360
cacaacatgg	cagcttacta	ctgtcctgtg	attcgaagac	ttaagttgga	taaaaaactt	420
caatgaagtt	ataaccttta	ttaaactcaa	ttaataaact	taaaaaaaa		469

```
<210> 866
<211> 468
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(468)
```

[illegible]

```
<210> 867
<211> 465
<212> DNA
<213> Mus musculus
```

```
<210> 868
<211> 465
<212> DNA
<213> Mus musculus
```

<400>	868						
gtccggctcc	tgggtggtccc	atctctctgc	tcaggtacat	ggaatgccac	gcacctgctt		60
gcngctcaca	ctcatatgca	cacactgctt	acgcaccgga	ttccccctcc	aacgccgccc		120
tcacatgtgc	acaagcccgg	cagatttcct	tttgtgctca	ttttgcgggc	ctctggttct		180
cctctcccgt	ggccacattt	cctccttggt	ccccctggcc	tgctctcctc	ctcttctgcc		240
cctctgtnct	ggntgtgccc	tgggagagaa	gaggcagccg	cggaggngtg	accaacgcac		300
cccacgaggg	ttgagttatg	gaagaaggct	gggactgcan	ggctggcctc	cggcctgcgc		360
cctgttttgt	ttcccttagc	cccctgaatg	ctagattaag	atgtaaagat	taccccggcc		420
gaataaagcc	gggagtcaac	actcaagcaa	acaaaagtgc	ttgca			465

```
<220>
<221> misc_feature
<222> (1)...(464)
<223> n = A,T,C or G
```

231

tttgctctat	actgagcagc	acagaaaaca	aggatatggg	aaggaatgag	tgtgctttgc	360
tttgtagagac	ttgatctatg	tataccagag	atccatctac	ctcagcctct	tgagtgtgtg	420
gattaaaggc	aagtgtccct	accactacca	tccaaaaaaa	aaaa		464

<210> 870
 <211> 463
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(463)
 <223> n = A,T,C or G

<400> 870						
gactgaggtg	gggtctttcc	gtctagcaaa	cactgcaggc	gnggtttgaa	gatggcccag	60
aactctgggtg	ncgctgtccg	ccggcgatca	agccaacagg	atggcccacc	gatcctccca	120
aggagatctc	aaccggtcgg	ccatggcttg	ggcaatggtc	tccggagata	gcttcctggg	180
tacctaggct	ggatccgaat	cagccgggac	ctcggccacc	agcgcgaccc	agcgttcggg	240
ccgacagacg	tcgagtccct	gtcgggtggcc	gcagccggag	ccgaagccgc	caaggcagat	300
tctcgcttta	cccgatccca	ggcgtcaagc	tcgacctctt	aagaagtgtg	ctgcagcagc	360
gtctggttgc	actgggaact	gctctcgcaa	cccgaatctc	agcgtagaac	gaatgcctcc	420
cctcacttag	cttacaaaca	aggcctttcc	aaaaatcaaa	aaa		463

<210> 871
 <211> 462
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(462)
 <223> n = A,T,C or G

<400> 871						
actgagagac	actactgatg	agcaagcaca	tgcaaaggca	gtgaacaaga	agatgacaga	60
tgcttagaaa	tgccactggg	agctgantgc	tgtttaccat	gaacatcaca	aaccctcgac	120
tccgacttcc	ggttccacaa	gttcttcctc	tggatttcat	ttaccaaate	tcctggagac	180
cctgtacagc	aacntggata	gggagtagcc	aggtcctact	gactggctaa	ggacatgaca	240
ttggaaccg	gagagtatgt	gtcagatnat	acnggtcaag	tccaactatt	tactatctga	300
gtgcctanga	gattcctctc	tttggcgctc	tggaacttgc	tgtgtaaatc	aagctgcctc	360
gagctcgcaa	agttggcttc	tgctcttga	gtgctggtat	taanaggcat	gcacaccaca	420
cccagaacct	ccctttttca	taataaaaaat	tatagaatac	aa		462

<210> 872
 <211> 462
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(462)
 <223> n = A,T,C or G

<400> 872						
acgcagtga	gaaaaaggan	cttggccatg	tcaatggact	ggtggacaag	tctagcaaac	60
ggactacatc	cccagcagt	gacacttgac	ttgttggaca	gaccagctag	caaaactgaa	120
ctcaaggcca	ttgcccctgc	ccggatcctg	gaaaggagag	ccagccggcc	tggcaccccc	180
acatccaacg	ccagcacaga	gacccccacc	tctgagcata	atgacgtcga	tgaggacatc	240
gttgacgtgg	acgaggagcc	agtcgcagca	gagccggact	atgtgcagcc	ccagctgcgg	300
cggccttttg	agctgctgat	tgctgctgcc	atggagcgga	accctaccca	gtttcagttg	360
cccaacgaac	tgacctgtac	cactgcacta	ccagggttagc	gacatcatca	tcataaccct	420
ctcttaccct	ggcttcccaa	gggattacta	ctgcccgtag	cc		462

<400> 873						
gactgagctt	tgcagctccc	tggggatgga	ggtgttgctg	ccactgagga	gtttgaaatt	60
cgatggtact	gactgagaag	gttgggctga	atcatctgat	gcctaaagct	gactcaggag	120
cagcactgct	ccttcacctc	agcgacgcaa	ggtgtttaga	atcccagagt	tatcagatca	180
caagaggcttc	cacaccaatt	tcaaagaaag	cccaagagga	caggatttgt	gtggcagggt	240
caagatgcct	cgaggctctc	ctgagaagat	agtgcataaa	gctgtgaagg	tgaaacctaa	300
gcatccacag	agactccagg	aagggaaga	ctccagaagt	atagaatatc	tatctgcaga	360
gntgangggga	ctattnnaaa	nattcnggnc	cctcngagat	ncngtgccta	ttaaagagga	420
tacatgcgcc	ctggatgctt	cccttgaagg	ttattcctgg			480

```
<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G
```

```
<210> 875
<211> 459
<212> DNA
<213> Mus musculus
```

<400> 875							
cgaaacagga	ggatcgtctg	ngttnnngtga	ccagctaagt	tccaggccag	ccagagctac		60
atgaagaaat	cctgtctgaa	aagcaagcna	aanaaggang	aanagattnt	tgntcngtt		120
ctncaatgtn	gatgattact	acngtcnttg	tgtggatgaa	aaaaagccag	ctcanagant		180
gcctggctng	ttntngatna	acttgacacn	agctanagtc	acttgnangg	nnggaatntn		240
anttgcгаа	aagccacttt	aaaaatccag	ctgtaagaca	tttccttaat	tagnggctga		300
catggggagga	ctgagcccat	tgtgagtgg	gntatccctg	gactggnggt	cctgggttct		360
ataacanggt	agcntgancg	agccatanag	agnaagctct	tgctccagg	ntcctgcctt		420
gtttgagttt	ntgccctgac	ttcttttgat	gatgaacag				450

233

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(458)

<223> n = A,T,C or G

<400> 876

cagactgagg	agggtatccg	ncgagctgtc	gtctgaaccc	cgaggtcata	attcacctac	60
atgacatgct	gccacccttt	gctgatgtct	caacccagct	acttcaacct	tccaatatgg	120
atgtccggaa	atcctccagg	ccttcatgac	cagcctggga	atgctgagtc	tgcaagcatc	180
catgagacct	ggcagccacc	aggttctcaa	ccaccactgg	gctacacaga	tcattctatn	240
nngtaccttn	ccaagacncc	nacttacnng	gannnagnnn	ntnctggngg	actttcctgg	300
nactngaggg	accnagctat	ncgcgttaca	caagacatgc	tcntggactg	aacaactgan	360
caacngnnng	aacnttggcc	tctntatcag	gagacaaccc	ttggtggctg	actcagacca	420
tagcctgtat	tagtaantct	ttctcatatc	ttatgaca			458

<210> 877

<211> 457

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(457)

<223> n = A,T,C or G

<400> 877

gactgagctt	gccagcacct	tccgatccta	caagaagtag	tccttgggaa	agaggctccc	60
aggacaaagg	ctgnggcttg	tcttgctgtg	gatgtacttc	tatggagaca	ncacagggct	120
gtgacaggat	acttctgctc	ttccaccaag	cagcaagtgc	ctggtgaggg	agaatgggtcc	180
tagccaggcc	ctcataanca	ggggacaacc	ttctcttgac	cagatgccag	caggatgac	240
ttccttggac	accagcaana	gggccaggac	ctgggncata	ncatgcncn	tgaacacagt	300
gtttctgaaa	tgaagatgac	anccttgtga	ttggcctggg	ngctccccat	ggtttntncc	360
tgncagntcc	accatccnac	tcaccngaa	ctcttcctta	tgccccca	cccatnttta	420
ccacattngg	attggccctt	gcttccaaaa	aaaaaaa			457

<210> 878

<211> 456

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(456)

<223> n = A,T,C or G

<400> 878

gcttcaggaa	gtccctgnng	ctgnccagat	tcactaggcc	cctncctatg	agaataagca	60
nctacagact	gagagtccac	ctcagatgct	gagcctgcnc	agaagactga	ggcngctgng	120
cngcenggac	tcangcncgc	tgngcttcnn	nngangatnt	ctcagaggag	anaaccgcg	180
aagacaacnt	ngncncngntc	ngctntccng	gangaggttt	ngccntggaa	accntgaggc	240
accctggaaa	cggacacntn	ttcaaccntg	tggagcntgc	cntgatgacn	tgtgcaatgc	300
gcnttcaggg	tttcccacct	gtgtgagctg	tcaccntgc	tggagtgggc	tttcgtaata	360
tagctgtctt	tgagttattt	ctgttcttgt	aactaaccct	tcattccatac	ttctgtaggt	420
aatccaaatg	aactcaattg	ttcaccaaaa	aaaaaa			456

<210> 879

<211> 455

<212> DNA

<213> Mus musculus

<220>

[illegible]

```
<210> 880
<211> 454
<212> DNA
<213> Mus musculus
```

<400>	880						
ttgatccatg	aggagaacat	ggagangaac	tggggaacag	gatncnagnt	gctcaaggnt		60
ggntacgtgg	ggactccagn	taccacana	ggccataaga	nagagctgna	ttgtctggna		120
cgtggagtta	aaggtggcct	gtncccaatg	tggatgccta	ggaactgaac	ctggnttctg		180
caagancaaa	ttcttttaac	ttctgagcca	tctttccagc	tccagttctc	ccttattaaa		240
aacaagagag	cttgctcctc	ttttgctctt	gctcttccct	tcttgctccc	gccctctccc		300
cattcctttc	tccagcccc	cttccatgta	ctcatggctg	gtctctactt	ctctctcttt		360
tctctctctc	tttctctctc	tccgcctttc	tctgcctctt	aactctcttc	cccatgccct		420
gaataaactc	cattctatac	taaaaaacaa	aaca				454

```
<210> 881
<211> 453
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(453)
<223> n = A,T,C or G
```

<400>	881						
agactgaggt	ctagtctttcc	ttgagggagt	tagggcagaa	gaagaagaag	aagaagaaga		60
agaagaagaa	gaagaagaag	aagaagaaga	agaagaagaa	gcngangncn	nngaagatac		120
tntgagaggn	tgcttgttta	ttgntcgtc	gtactgatta	ttatttagct	tgctttctta		180
tggcncccg	ggcctttcttc	ccagangagn	tcctctccan	gntgggttgc	cccctccctc		240
ntttgtccta	cagcnaactg	ctggngaggt	ggatcagtg	ttaacagccc	nggctgctct		300
tctggatact	cctgngttct	nttcccanca	tcgttgtggt	ggttcaccac	ccctncataa		360
cgagatnctg	ntgcctctct	tctgggggng	nctggcggt	gcctnengt	ttctttctta		420
ttatagatga	attnttcttt	ttttttttta	aaq				453

```
<210> 882
<211> 451
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(451)
<223> n = A,T,C or G
```

<400> 882
gactgagcct gggctgctgc ttctangcaa aggaaaaaca gaaatgcgga gtgaaaaact 60
acggaagtca tgttctagca gccagacaca atgggaagac tgtngtgcaa atgacaactg 120
taggctcggtt ggcagatctg tcccaggacc acagcagggg aggaggatgg cctggtgccc 180
cttaatggaa cacacacaga actgactgga gacgtttccc tgcatttgct tagcatatac 240
gaacacgagc acagagaaaag actgcatttg gaaacttaga gaatcatatc tagaactagt 300
gtgttaagga aacaccacgg agaccttgcc atgacttgct tgnnttgcc tagtctcatt 360
cagnttcttt ctaatttttg ttgttggtga tgnacatttg tctttccaga caaggtctct 420
gtgtatcttg gctggcctgg aactcataaa g 451

<210> 883
<211> 450
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(450)
<223> n = A,T,C or G

<400> 883
accattttta ttactagnag gaaaagattc tttatcagnc aatnacagtt cnnaaccttt 60
tccttctgtt tcagaggaaa aaaaaccagg gaacaaaatn anttncatat tctctggcac 120
agaaaaagct gacaggnctt ctgaccgctg ancttctctg ttcaaaattc cnggcacnaa 180
gaactgngcc ctactctttt tatactgnnn antgaggatc ggagcctcca cnggtgtgaa 240
ccattagaga acangccana actnaattat tgcagtnta tttaagggtg cctgnttata 300
atggntaatn tcagttgtca gctttatnta tgtntaanca ngatggganc acctgcctac 360
tnggggtggc ncatttgctc gctgcnggcc tggactgcca agtgggaagg gagctgngtg 420
aangggaggaa gcntccattc ttcccaggct 450

<210> 884
<211> 449
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(449)
<223> n = A,T,C or G

<400> 884
cccgcagagt gagctgcntg gctggnaaat ncaccgaaga atatnatnnt tgctcttgac 60
tgnacgctgg gggatngnct ccagccagac tgancagttg gtcatgaaca ctacgnctnt 120
ngaagcagaa gncttctaaa tgggacagcg ctctagcatt gtcagttctt gaattccctc 180
cagtgtacac cttacnaaan tagtcacngc cctgangctc ttntntnttc cgacccanct 240
atganttnag cccaggaacn ctatngaagt gctgcaaata ctgtgaactg tgctacntg 300
ccaccaaaaca ntacattctn tatntacana aagtcnntaa acattatttt anaattatan 360
acaggtctgg aaatagttac ntattgacgc angaaaccag tgcaggatag agaattgagag 420
gaagtgttga agnctgaatg attttcaat 449

<210> 885
<211> 448
<212> DNA
<213> Mus musculus

<400> 885
gtgggggtctt tcaagagaag cggatatggca ccagaggcgc tgagggggctc gggataaagg 60
gtgaagccgt cagtgtctct ggaaacgaag ctgccccaaa tttctgagtc accgtggaaa 120
gaggactgca ccaccatctt gaaactgggc aaaccgaagc aagaaaacgcc tgccatattg 180
aatctttgcc agcttttgtt taaagggaac gagcgagggc ctagaggagg ggggtctagt 240
tggacggaag gaagtgtcca tatgttttat aggcataatga agccatacta actgccacgt 300
cgggacggga gcagacgttg aatacgaacg agggacgtca tgccgcttgc gtgtgagcat 360
gggcatgacg tcatgccgct tgcctacgct tgtgtgagca tgggcatgcg gtcataagttg 420

ttgcggggcaa ttcgaaacag tagcaaaa

448

<210> 886
<211> 447
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(447)
<223> n = A,T,C or G

<400> 886
gactgagttc ccgaggagac tttccgaatg gatgccactt taacagctcc gtctgggagn 60
tgtgaaganc tgatgggagg gaagccctct cgggaaagca actcgccatc aaccagacat 120
gtccgaaggc agggaattca gccaggagct ctctctccgc cacgaagaca ttggagtcac 180
gggacctctc agcagccctg tccgtcctga tccagcggta atgggaacac gcctggagct 240
gtcctgtgat tcattgcccc cctccattac tgctctgagc ccattcatgt cagcaccatc 300
tgtctaaaaat cactacccag gaatgctttt taacgtcatg atcacatcta gatgagggtca 360
ctctgccagc ctgaggcttt aggtctgcag aggaaggaag ccttttctct gcagaaaata 420
aaaaggacca tgtgcaataa aaaaaaa 447

<210> 887
<211> 444
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(444)
<223> n = A,T,C or G

<400> 887
ctgggtacta gcctggactg aggccatgct tgctcattgg ggaactctna nggtagggcn 60
ggaagcgtga natnnctccc tntcaacgat gaatgatnat gccnnaccca ggaccacgt 120
ccacctcttt gaagatggct gcangagccc tanngtacca cctngacca ggngccacat 180
tgcttggtta cacctaagac gntatngcat nttttattcc ctaagcactn tgantgtgan 240
ataaannaga tttctcnggn tntccacaan ctaantgagn aggctgaacc tgantttcct 300
gangagancc tgactaacca acagcctgga cngagtgatg acaatgcgac tagagcctgg 360
tgtantgggg ggatgggctn tnccttattt aaggntcaga ctcaaaagag taaactttgg 420
cccttgatct gtaaaataaa aaaa 444

<210> 888
<211> 442
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(442)
<223> n = A,T,C or G

<400> 888
taatgataat aaccctgtcc tgccctcact gcagtggcca ctggnagngt aaaatcatac 60
atnacagagc tcaagagcnc caacaagccc atnannnggg atnttggcac agcctcagcn 120
tgtatgatgt cgtattttgag ganctgagac cctggaggat aagnntgtgc tgnnccctga 180
aatagngaca ccttcnttga agcttgacct accctaanga cactttaant tgtcttttga 240
gtgataaaca ccctntcnct anaggcaaaa gctnagatgg nccanaggna gcgagtacta 300
tctgagncca tggattttgag ggtgcnttcc atgagnccta nngaggcctg caaagcattt 360
tntcccacca nacgcttgnc acngactatc ngacgaggnc caataaactt tcnaaggggg 420
tntctntaag gaatgaagcc cc 442

<210> 889

<211> 441
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(441)
 <223> n = A,T,C or G

<400> 889
 cctgcattaa gtcagactga ggtgacctgg aagtgtctat gagcttcaga accttctgcc 60
 tccactgtct aaatgctggg gctagaggaa tacaatttat gcagtgggga agatgaaccc 120
 aaggcttcat gtgtgctagt caggactcgt tcttgagaag agcagcnttt ggaagagaca 180
 gccaaaaagt gatacagggc acgaagagcg ggatacgtct gatgaggaca ttgacagtna 240
 tncacacnca agggaaagag gtgatggctg acagtaggtg ggaaggcaag tgcctnagta 300
 ntaaagagcc aggcagactc acagncaaat tctgtctgna tacgatggac gtaatttggt 360
 tgagtntttg ttactagtna ctaagcctaa caagggcntg ggagaaaatg atcataataa 420
 aattcctacc ttgggacctt g 441

<210> 890
 <211> 438
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(438)
 <223> n = A,T,C or G

<400> 890
 tcttggtccc ctgtccagca nngggangag aacgctgtgg nntactgtaa gttcaccctt 60
 gccacctaata ttctgcacct cctggtttga aaattccttc tacaatggac agaacagatt 120
 tgntatntat agattatnca ctatcaaanc caaatagntc atcaactgat ttggaaatta 180
 aagattgtgn tccgntaatt ttaaattcag atgaatgcta tcagagtttt gcanancccc 240
 cttcttcanc aattacttct tgtgaaaatt nngcaacacc atctcctccg naagttactg 300
 cgattccaga agacattctc cagatgataa caagagcaca ggtcanacct agcttctccc 360
 ttggatgtta angngatgcc acgnaggatg ggcaccngaa gngctgcaa caaggaaaaa 420
 tgggaacggg aattctac 438

<210> 891
 <211> 433
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(433)
 <223> n = A,T,C or G

<400> 891
 gactgaggac atgtccagtg aggaggaggc agcggcagag gcagcaggtg acacccacct 60
 gcttggcttc tccgatgaga tccctctaca catcctgagc catgtcccca gcacggacct 120
 ggttctcagt gtgcggcgca cctgcaggaa actggcagcc ctgtgccttg acaagagcct 180
 ggtgcacacc gtgcttgctg cagaaggact accagggacn nnnannagat ngcantacca 240
 tatgctgnga catgtnnngn cctgttgngg agtgttgnga natagctacn gcnnncnnnc 300
 tnatnaaann tgaagagnta canacgtgnn nctttttnct ggaccagaga ntattcgng 360
 gaaatngggt cccctcccc ttncttnata actggngtga caacantaaa atttgagcct 420
 tgatgagaaa gaa 433

<210> 892
 <211> 433
 <212> DNA
 <213> Mus musculus

<210> 893
<211> 432
<212> DNA
<213> Mus musculus

```
<210> 894
<211> 425
<212> DNA
<213> Mus musculus
```

<400> 894						
gaactgaggg	ccctcctttt	ttnaggcaac	tagaacaaag	tcaccagtcc	tgcattggact	60
ttctggaaac	cgagtcacgc	agcaaagcct	tccttctggt	tcgcctacga	gccagctccc	120
ttctctcaca	gaataatgga	gagcccgtgg	gcttaactca	ctcctgacaa	ggaaaacccg	180
atgaaataag	aacattgagc	ttctggggac	accagatttg	cacccttagg	gttcggggct	240
gctttgcaat	tcattgttca	tctatctcct	gtccctggcg	tgggggaaga	gtcggggcct	300
attcctctgc	agagaactga	atgaagaata	ggcctgtggt	gagagagtga	cagggcagtgg	360
gttttttaaat	gaaaatttat	atgcaaatgt	gcattaaagt	gtctgttaat	ttttaaaaaa	420
aaaaa						425

```
<220>  
<221> misc_feature  
<222> (1)...(423)  
<223> n = A,T,C or G
```

239

caactgtata atgatacatt tgtgctgttc taagttacta aattttgtgtt ggctttctata	360
gcaattgcag ataacaaaat atgtggaaca ttttaataaat ttttacattt atatatctta	420
c	421

<210> 899
 <211> 421
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(421)
 <223> n = A,T,C or G

<400> 899	
gactgagatt ttaattcatt gtntttatgt atatggatgt cttgnctgca tgctgtgtnt	60
ggtctaccac ctgtgtgccc agtgcctaca gaggccagaa aatgggtgtg catctcctgg	120
aactgctttt aaaccgccgn gctgggtgctg ggaactcaac ctgagtcac tgcanngctt	180
ttaacctgct gagncatctc ttgacctcct gcaactatgt ttaaccaaag canagccatg	240
gntaaactct ctaacaaaaa caggctgcat ctnccgagaa accgggtcac gaatttnaca	300
ttnacctttg gaggtactc attcttgcag ntgagacaca cctccttgaa catgnttcaa	360
gagctaantg angagaacat ngaaacatta gcctatgcaa ttntgggttg tgttaaattg	420
g	421

<210> 900
 <211> 421
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(421)
 <223> n = A,T,C or G

<400> 900	
tgcttgcctt cccgcgcctg ggacaatgag gcagggggac cagttcangg tcattcacgg	60
ctccaganac tccaaggatg antggatgtg gcagtaactg tgtcaganat gcacaaaatc	120
ctaagtattg cagactaaga tgaagttaat cgtcaatgaa gcaacagaag catcaaaaaa	180
gaactagggg aggggggagt aaagaaaagc aaaagattaa gcagtgccag tcggcttcag	240
caacaaggcg ggggctgact cgggcagcag cggacgccga gcagctggga tctctctgtg	300
tagccctggc tgccttgga ctcactctct gtagaccagg ttggcctcga actcagaaat	360
ccgcctgcct ctgcttccc agtgctggga ttaaaggcgt gcgccaccac caaaaaaaaa	420
a	421

<210> 901
 <211> 419
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(419)
 <223> n = A,T,C or G

<400> 901	
gactgaggag agagctcctc ctagctacac tgaggagaaa agtactctca tggtngcctt	60
cagatcaaga tgcagaactn tnagctcctc tagcatcatg tctgcctgcn ngcnatgcct	120
tgcttnctgn tttggngana ncggactaaa cctctgaaac tgcacctgct ttancgntng	180
taccttgagn gnnttttaaa caacttgctg gtctnaggct ccncttaaag aaactngtga	240
ttngntcctt accgttttct ccaatgaagg gaaggatca nagagaggca gagagacagc	300
nngagaagtt gggagaacac tgaacaaacc gaggacagag tggggtcanc tcaacttanc	360
ctgagttttc agcaactgaa gaactttgga ctccatctgt natctgccaa aaaaaaaaa	419

[illegible]

<400> 902						
gaccatcgag	cagtccttgc	tggccacacg	ggtggggcagc	atcgccctagc	tcatgcacaa	60
gacccaaaagc	agncatggag	caggaaagga	tttattttcag	catccacctc	cagggtcacgg	120
tccatcacgc	agggaccaac	tcaggcagga	gcctgganac	aagagcttga	agctgcggnn	180
gtggagggggt	gcntgattac	ttgcttgtcc	ccttcagctc	atgttcagcc	tgctttctta	240
tacaactcaa	gactacctgc	ctgaggattg	cacttgccca	cagtgggcta	ggcctttgcc	300
catcagtcaa	tcaacagtca	aggcagggtc	cccactggac	gacttagtct	gagaattacc	360
tgaaaaaatcc	ctcagggttg	gactnccttg	agttgacaat	aaaaactctc	caggacagc	419

```
<220>  
<221> misc_feature  
<222> (1)...(419)  
<223> n = A,T,C or G
```

<400> 903						
actgagacag	gaatctagca	tggttgccct	tccaggagcc	caacaagcag	ctgaaagagt	60
cagatgcaga	tacttaaact	caaccaangg	acagaagctg	gggacccctg	tgattgaatt	120
tgcgaaaggc	tggaagaagc	tgaagaggag	ggtgagcaca	taggaggacc	agcaatctca	180
actaatctgg	acttccaaga	tctctcagac	acttagccac	caactaggga	acatacacca	240
gctgatatga	ggccccaata	catacagcag	aggactgcct	cttttggctt	ctgtgaaaga	300
agacacacct	aaccctcaag	ggacttgagg	ccccaaagaa	tggggaagtc	tggtggggtg	360
ggtgggaaca	tccttggggag	aaggaatggg	atgaggaact	gttggagggt	ggacctcca	419

```
<220>
<221> misc_feature
<222> (1)...(419)
<223> n = A,T,C or G
```

<400>	904						
gactgagggtg	cccaagccgc	tatcgtcttt	atcaagggnag	ccatcctccc	aggatgcact		60
tcaagggccg	ccggncgctg	ctccgttggtg	aagtggaggc	tccggacccg	gtgcacagtg		120
tactggctgc	tcaatggggt	gcctgtccag	gacacctgag	cgangntttg	cccagggcag		180
cagntcgagt	ttcagcagat	gtgggaccgc	ctccaggatt	ctggtgtctt	ccagngtgng		240
ggtcgngata	acgtcactgg	agaggaagtc	cgcagtacta	atgcctcctt	naacatcaaa		300
tggatcgagg	cagntcctgt	ggtcctgaag	cacccagnct	nagaaagctg	anatccagcc		360
ccanaccag	gtcacactgc	gatgccacan	ntntccntcg	acctctgttt	attacacta		419

<220>

<221> misc_feature
 <222> (1)...(418)
 <223> n = A,T,C or G

<400> 905
 gactgagaaa cctcaagtct ttgacatcga ntgtgcagct tgctttacct gancctcttcc 60
 ggcggggccct cgtacntggt ctgctctagg cgggntggtg cngttgtgnt gtgctaagca 120
 taaggctagg aggattgttg cttggcagga ctatcagtat cagggagtct gacctgcact 180
 aaacnctaaa agatacagcn gancctganag ggtagtgcca tcgtcaaagg aggcagctag 240
 agaccaccaa ggnacanntn catcaccanc tacttgagca gngcacagnt ntgnccttgt 300
 ntgatggggc acatccttgg ntgtatttgg gcctggcctt ctggggatga ggacctaaaa 360
 agaaagnunc cacttgccctc tatttagagc cttaaattggn tgccattgcc ttgagtag 418

<210> 906
 <211> 417
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(417)
 <223> n = A,T,C or G

<400> 906
 actgagagac gtgaagtctc gggcagcatg ccatgggtcg cagaggctgt tcaccatctt 60
 gatctagcaa gattgtttgc gcccttacac cacctctgcc tgaaacaggg ctgtttttcc 120
 ttggaggcag cctgggtcca gaacccatga cttcatatct cagctcacct gcttctccac 180
 tcttcgagtc tgcattctgag tgacccaagc taggacttgg agtctccctg cagggaaagt 240
 acggcagggc cactccatt ccaagctctt ctcggggctg cctcgacttc tgaccttcta 300
 cccagagctc aggtccctag agaactcacc gctggcactt ccggtagcag gaggaagagg 360
 nntccttccc ttntgctgct tncaccagga naccgngggg aaccagcat catggga 417

<210> 907
 <211> 417
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(417)
 <223> n = A,T,C or G

<400> 907
 gttggttccc tagagcctac cctcctccn gcctctgana gcgcgcacag agaggacaac 60
 cctggacccc acagcacntc ntgggtgtcgg ttagacaatg ggaggagtgg aagcagcacc 120
 taacgatgac agaagcaaag agtggtcac agcacacct cccagcaac caacaagagg 180
 tataagaact tttcattttg atgacctggt aaactaagga agcttgntg ataatatctg 240
 gcagaatttc tactccaaaa agttcatgaa gaaataccta agatcacata ctttctatta 300
 aagaattata tataagctaa ttattacaga taaaacaga aatggaattt taatctattt 360
 ttagcaatta agaagccttg gcaacttaca ataaatatct ttattaaaca aaaaaaa 417

<210> 908
 <211> 416
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 908
 gaagcccagt ccgatgctng tggggcaggg agtttgtgag gcaatattat nctttgctga 60

ataaaagctc	ccgagtattt	gcacacggtc	tctattggca	cngaattcct	gcttatgtct	120
catgggtggg	agtggattgc	caggtggaaa	agccccagg	aaagcagttt	aatggccaaa	180
aatgatatac	naccacanag	tggtatcctc	ntgaaccttc	aggngaattg	tcataccnaa	240
atttcgtcaa	tggtgggatg	ctccatgcaa	cccttgagtn	gattggtngt	agggtgggnac	300
agggtaatgg	ggccttgctt	gtctnancag	gtggacnagn	cttganaggg	aagtttaagt	360
cnaaccctt	tggttntngc	ttccagnaag	ggatcntggg	cccaaaataa	atTTTT	416

<210> 909
 <211> 416
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 909						
gactgaggtg	gatagtcatt	caggnacaga	aanggcactg	gtgcnnagca	gtggnacttc	60
tacnanntgt	gctcanggca	tccatgcccc	cgggggaaga	cctgtggctg	ggggacaccn	120
gaatttnnaag	aggtcgggtca	ccttaagctt	actcannagg	acatnctgtg	atgggtgcag	180
gggagacccc	tcattncncc	cacctntnta	taaaangcag	nccgataggc	cctncacatt	240
tnaagtgtta	cgaaagtgtc	tacggncatt	ggtgttngtt	aatttgTTTT	gtgggttggt	300
tcttancact	gncgctcaan	accacagtac	acttggccct	gggtaaaatt	ttgacaatca	360
taagtcattt	naaaagaaca	gacttattaa	agaaaaatca	aacaggaaaa	aaaaaa	416

<210> 910
 <211> 416
 <212> DNA
 <213> Mus musculus

<400> 910						
gaactgaggt	tagtgttccc	tgcgagcctg	ttctcagcta	aatcaggaca	catccacctt	60
cgctgtctgg	atgaagcagc	tgaaactgaa	caagcacagg	caggccacca	caccgaattc	120
ccagagcgaa	ccagacgtga	aggagttcct	gtaggatttc	cgtgtctcca	acgttctaga	180
acatgcaaac	taatttatag	tgacagaaga	gagatgacgg	gttgccctggg	aacaggatgg	240
aaggacacag	gatgccaggg	gtgcgtgggg	tattttcaag	gagatggaaa	cgtttttcat	300
ctgacagtga	gctactccag	aggatggact	tgtcaatgtt	catcgaactg	gacactcaga	360
gtggatatct	ttccttgctt	gtaaattata	cttcagtga	gctggaaaaa	aaaaaa	416

<210> 911
 <211> 415
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(415)
 <223> n = A,T,C or G

<400> 911						
gaagcatggg	tggttnttgg	nggacacagg	nacacccaga	ctgagaacca	atgggtccag	60
tctgatttaa	acatgggtcc	gtgctcacac	acctcaatac	ctaccctctg	tgctcacaag	120
tcctgtgtga	gtaagactcc	aaattattct	gtcttgTTTT	actcaatggg	atgctctacc	180
ttattataga	gtataccatg	tattgagaca	agaatgccag	tcattctgag	aaacaaaatg	240
caaccattag	ttgtcatttt	aattagtgac	gaatagttgn	gtcaatcatc	aaacatgctt	300
gtataattgg	atgagaagag	gtgtaacacg	ggccaatgat	gacgaggttt	cgggattata	360
agtcacggac	gatgactacg	tcactanagg	tctgaggnc	atagcaaaaa	aaaaa	415

<210> 912
 <211> 414
 <212> DNA
 <213> Mus musculus


```
<210> 913
<211> 414
<212> DNA
<213> Mus musculus
```

<400>	913						
gactgaggta	ctttattttgt	gggaaagana	tacggacctg	aatattgcag	gtgctgagat		60
gtaagaagac	tgctgtagag	tcgcagatga	caatctttgg	ccttccta	cacatgagta		120
ttgtcaatgc	cagccagaca	ttgnatntgc	catggatngt	gntgttacag	tnggggtgaca		180
cgtnnnngcnn	angnggcnga	nantgntggg	cagntttact	nacngntntt	gacaggaatn		240
ctgggtgcanc	aggaaacttc	agtattggn	actgtgccat	ccnaangcg	agggtgaaga		300
ttccaagctg	gattcatttt	tgatatgca	gntaactgag	gacttggtatt	ccttaataca		360
gaacgcctttt	gagaaattaa	actctcctcc	tgatgaccaa	gtataaaaaa	aaaa		414

```
<210> 914
<211> 414
<212> DNA
<213> Mus musculus
```

```
<220>  
<221> misc_feature  
<222> (1)...(414)  
<223> n = A,T,C or G
```

<400>	914						
actgaggtct	cgggtggtctc	agngggcagaa	ccgaangcat	nttnntggag	cccatccacc		60
tgtcctcggc	tgtanntgnc	aaacngatcn	tcatcnaaga	nctcangcct	cggaggcatc		120
agaacagmca	ctgagttgnt	caggcnatgc	naggngtctc	gcngggacaa	nntgcatggt		180
tggaagaccn	gttacaaccn	gtgtncnnng	atgaagatgg	atgacaggan	cctgttcaac		240
accctntgng	aggtggacct	gcancgggcg	ctgacccagg	accggcgaag	agccccgctc		300
gaatgaggan	ggatgaggng	tgccccaacg	tcttcttagc	tcganaaaag	cggtggntgt		360
gaacaagggg	cnggntcang	aggctgggcn	tcaccacat	ttcttgaatg	gcag		414

```
<210> 915
<211> 413
<212> DNA
<213> Mus musculus
```

```
<220>  
<221> misc_feature  
<222> (1)...(413)  
<223> n = A,T,C or G
```

245

agccccccctg cccccccaggc aagaggtctg agaaccactg taaaaaaaaa aa

412

<210> 919
<211> 411
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(411)
<223> n = A,T,C or G

<400> 919
cgcgggggggg gggcgcgcgcg gngngccccg gcngcggggg gncggggcgcg cgggcnnggc 60
ccggcngcgcg gggccggcgcg gngcngcgcg ggggcgcgcg ccgcgncgcg gggggcgggc 120
gngngcgcgcg nggncggcgcg cggggngcgcg gcggccgggg gcgcgcggcg cgccgcgcgcg 180
cgncgcngcc ggcggggcgcn cgggcggggg cggcgggggg cggggngngg gcggggcgcg 240
nggcgcgcgc gnggcggcgcg ggcggccgcg cgcgcgccgc cgcgcgcgng gggcgggcgcg 300
gcggcgggggc gcgcgcgcgn cgggcggcgcg ngcgngngcn gggggcgggc nggcccgcgcg 360
cggccggcgcg cnggcggcgcg cggnggcgcg cgcgcgccgc cggcgggggc g 411

<210> 920
<211> 410
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(410)
<223> n = A,T,C or G

<400> 920
gtttcgaagt gacctgcagt ggatcctctt ttgtgctgac ctgccatcat gcatccagga 60
aggccctcag tgagnactgg nggccttgan ggatggcnga agctcttctg tcaacacctg 120
acanggtntn tntggaaaga ctagngcagg nggccaagga ganaggctac accgcacagg 180
gagaanntgn tctcagnggc tgacatggcc aaactgnccc angagacttt ggactgncag 240
gctgagctcc tgnngagngg nttgggtggt ccnaacagan atnngagntc tacagnncct 300
natcactgga cattcantgc tnattcccta tgatgaggat tttaaccacn agcngtgtna 360
aaagaaaggc cataaaggcc cantggacag tgagtgcagg ggtcctgata 410

<210> 921
<211> 408
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

<400> 921
gctgacatta caagagggnc tggccntacc canacctctt tnntagntac tgacaangaa 60
aaacgaganc ntnangtgag cgcanncaca gcttnчнаат ccagnncag gannattcct 120
ganattcaca tcccagcntg ccacatggtg gnatcacaac catctgnaag tgagatctga 180
ccttctctct ctggcatgtc tgaagacagc ctacagtgtg cttatgtata ataaataaat 240
ctttggggccc gagtgancaa gaactgtntn agngngnntn nccngncctg agcngagggt 300
cnaaaaaaat caattctcaa caagcatatg anggctccca accacctgnt cagctacagc 360
ngtaccctta tacatagnat actgaatana taaatccttt taaaaaga 408

<210> 922
<211> 407
<212> DNA
<213> Mus musculus

gctatacccc tatacacact aaanagccat gacctctngg ggactgggtt cgggagcaat 360
 taaacagcac ccagatgagc tcaagatccc aaaaaaaaaa a 401

<210> 926
 <211> 395
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(395)
 <223> n = A,T,C or G

<400> 926
 aagcctgacc aagggactng cncaggacgt gatccatag gaanananan gtgcctgggt 60
 tntatggaga aagtggcaag gttagaacaa aagcatgcct tggagcttnt ctgttgnntg 120
 aaacaaccac tgtnnacact tntgatcaca gaagtcttcc taggagatac tggcagggng 180
 gngcctgaca tgccaatata taatagtata gggacctagg atngggatgg gccancaagg 240
 agntgatgnc acctaggagg ctganacagg gcttctctgg atggtggcat ttggacttnt 300
 taaggacata agtgtntntt cccagatgac tggnaaaagg ctttgcttaa ataattgtta 360
 ttcttttccc aaatattaaa aatcaataa aaatt 395

<210> 927
 <211> 394
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 927
 caccacgttt caaagccctg cantttccaa cagctccgng cgagcgacag acacacttgg 60
 gcctcaccgc agcttctgtg aaaggcagac atgatttcat ctaatgaatg gatggtaaca 120
 aaatgagctc caggaagcct gcctgcctac tctctcccc aaccacaccc agagaaatgg 180
 aagcctncaa cagaaaaggg ctgggcaggt cccaacacca ccctcaaattg gaaagaacgg 240
 agaaaagaaa gggacggaag gacaccccc tcaacagctt cccgtctgca cgagggaaca 300
 ctagaagggt cagtgggaac gccttagacc tctgatctgc taacaggccc gatggcctca 360
 ctctaaccat ccattaacta aggatgtgca ccat 394

<210> 928
 <211> 392
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(392)
 <223> n = A,T,C or G

<400> 928
 ctggtgctgg gggcggcacc ctngggccgc acgccatnat gacttcttgg gggngctntc 60
 ngaggaccgg acaggaagnn tgggtggntg gatatntgcg gacgaanagg cncggggccgc 120
 gcgcngtgac gcngctggnc anctgcangc cgcccacncg ctgacgtcnc gncnccgnan 180
 gctntactna ctnggntgcc ggacaccnna gnacaagang ctttgtaacc atccccacag 240
 agacnnacag acggactcca caaggnnnccg cgtgtcgccg aggccgccag gacggagcga 300
 ttctcacgga ggaaggagca cgccaacagg cgctgactgc gtacagacat gtccccctca 360
 ataaaattgc agttgaaatg gaaaaaaaaa aa 392

<210> 929
 <211> 391
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(391)

<223> n = A,T,C or G

<400> 929

ccccctaata	cactccctaa	gctnccattt	cagaatgac	cagaaaagca	cntgacgagc	60
agggctacat	tgaataagca	acatgataaa	agccaataag	gacttttaat	tttcatgaaa	120
agttaaaaaa	tcaaagtnta	cagaaagatt	cagctacact	tgggcctgga	gaggtgggtc	180
agtggtagaag	agcacctgat	ggctcttcca	taggaccagg	gttcagttcc	cagcacccat	240
atggtaggta	acaatgggtc	gtgagtccag	ttccagaggc	ccaatgcctt	cttctggacc	300
tcttaggtac	caggcatatg	tgtggtacac	agacatacat	gcaagcaaaa	taccataaca	360
cataaaatta	anataaatat	gactttttaga	g			391

<210> 930

<211> 390

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(390)

<223> n = A,T,C or G

<400> 930

ctcataactca	cttccnagca	ctgtgcacac	cggtagtncc	tntnnatnca	acgnctttct	60
atnctgnttg	gcagaacgtg	ggaaaccctc	ggctattacg	ccgtacgtgg	gggcgtngng	120
accttntaac	tgacnnga	ctacnatncc	tagtggcaca	ggcgaaacnc	cannggacgt	180
gnatatgagc	ctaccgcgtc	tcanctcnct	tggngactca	atgccaggg	ncttcaancc	240
tgcgaggact	aggaaatggn	aagtntcnnc	ctacangngc	ngccctnncn	nattaccctn	300
tctcttcggt	cccaangagg	cagtgtacat	aagtgaaagg	actcggtta	taagatccca	360
cccatttggc	gagcaaaatt	aaagtcacga				390

<210> 931

<211> 389

<212> DNA

<213> Mus musculus

<400> 931

ccaaaccctg	gtaatatata	tgatactctg	tcattgcttac	gcaccagagc	ctaacctaac	60
tttcctctta	gagcctccag	acatcagcta	tccaaatctg	aagttgagac	tgacccccca	120
aacattggag	gaagctccaa	aagtcttggtg	gaggatttgt	aggagagatt	ggggaaccca	180
gaggggataa	aaacttcaca	agtagagcaa	gagagtcaac	tgacctggac	ccttgggtgt	240
tctcagagac	tgaaccacca	atcaaaatgc	attcatggct	ggtactacac	tccccctcca	300
cacacaagca	gcttgggtatt	cagacacat	acccaagaaa	tggagcagga	agagtcccag	360
actatgttgc	ctgcctgtgg	atactattc				389

<210> 932

<211> 388

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(388)

<223> n = A,T,C or G

<400> 932

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ncctgccctg	ngtcacggcc	tcttggnctg	gcctcacagn	ctcctcggtg	nggatctnca	120
ggccctacag	gnncgnatgg	naactgancg	ctatttctc	cnancgctgg	gttnataaga	180

[illegible]

<400>	936						
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aagactctga	gaccagccta	gatgcctgga	ggaagggttag	accaactgag	gcacctgaaa		120
aggacactct	ccaacctggt	gacccacctg	cagactgtgt	ggcatgcatc	cagcttccta		180
nccttttatga	gtgttttatcc	atgctgggat	gggcactngg	tgatacatcg	nggcttngag		240
ncattctctc	tcantgaga	nttcannang	ctaanntgcc	antnctgata	acatgnccctg		300
tactcgggcc	atcntggact	ctaacccttn	naaactgtga	gccccaaaaa	taaacacttt		360
cctttttttaa	gttaaaaaaaa	aaaa					384

<400>	937							
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cggtcctggg	gagagagcac	agtgagaaga	cactcatttc	cgagaacgcc	gtttttccacg			120
tggacctggg	gagcaagaaa	gtccacctca	ccgagaacgg	gctgcgcacc	ggacatcggc			180
gacaccatgg	tctacctggt	tactgagct	catgcaaatt	ggagagtcgg	gatggttttc			240
ggatacttt	gctccagaaa	tctcaagctg	gctctaacta	gacttcattt	ctaactgctg			300
agttctgtat	gtagtcagaa	tatcccaat	tcttctttga	tttctaattc	aataaacttg			360
catttttttc	aaaaaaaaa	a						381

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<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

<400> 938
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naataganat angttaanat gttttaaact gcatactnnn gcgcaanata tnagtaattt 180
aagnncctag nccaacctct ggatcgaana cttggcgcnt ggacngact tgatctaagt 240
aggagtcagt tgacttcagg ngatctccaa gccgtctnng ntctcttctn tgatantgac 300
tgagantgag aaggngntat catttgggcg tngtggatga actgaaagga aaatttagatg 360
gagctttctg tattttcttat                                     380
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<220>
<221> misc_feature
<222> (1)...(379)
<223> n = A,T,C or G
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252

<210> 943
 <211> 379
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(379)
 <223> n = A,T,C or G

<400> 943
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 ttgaaactct cctgtgctgt gccctcctga ggctgcctgc agcagggatg gcaggtactt 120
 cagctctact tctgcggtac anaccctggc tgtgcagcct gcagccngaa cnctgggtccn 180
 tnaatggcna nnaacctggg aacccccent tgccctgggg tctccnnnac ccttnngcct 240
 tctcccnngg cctgctggcc ccctgtaggg acntttgtct actccccctt gtgannnacc 300
 tcatggccac aganccactg gacacctgtt cttcactgta taataaagan ttggatagca 360
 atnccctgaa aaaaaaaaaa 379

<210> 944
 <211> 378
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(378)
 <223> n = A,T,C or G

<400> 944
 tccagattca agcagatgtg catgnncctc caaggcaagg cntgcggttn tgatggccaa 60
 gaacacacat ggngcagcna ggccatcagg gggcaccctg aagaacancc cagctctgga 120
 gaaactgcng cttcacatcc gngggaacng cggnccttcag gttcaccaag gaggacctca 180
 caggagatta ggaacattct gctggncagt aagggggccag nccgctgnac angctgntnc 240
 catcgcccca tncgaggncat ctggctcctg ctcagaacan tggctctgggg gcctggngaa 300
 nacctttttn gggccccanc taaaggctgn agaggcacnn ttggaaaatc nngaggtgat 360
 aaaaaacccg gtgacagg 378

<210> 945
 <211> 377
 <212> DNA
 <213> Mus musculus

<400> 945
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 tgagtcacct ccctggccct aaatcatgaa tttctacaaa agtactttta gggggaaaaa 120
 aatcaaaggc tgtagagcaa agcctgtgac atccgagaga tgagcctgca aaaggcaagc 180
 caagcaggga tgtgagcaac ttggatccca acatgcagaa gatgacatgg gcagaagatg 240
 acgcagggag aagatgatgc aagcagatga tgcgggaaag ccatcggaag aagccagaaa 300
 gccaagaggg gatacacagg ctccccctcc caaaaacaca tgaataaata aaaatatcac 360
 aaacgcaaaa aaaaaaa 377

<210> 946
 <211> 377
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(377)
 <223> n = A,T,C or G

<400> 946

ctctttttaac aaa

373

<210> 950
<211> 373
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(373)
<223> n = A,T,C or G

<400> 950
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naaccnnact ntanggttnag gctnnatcnt ggtgagaata canaaaaactt cntctactga 120
actatgaaag caggaatcac cacgtggagg agttgactgg ccgggcaagc atanagaggg 180
natccgttga gacccccggg agcctgcacn gttctgcaga cagctgtagc ttccatgaac 240
ctgtccccgc cctgggaagg gcttcttggt gaagcaactg cttttggggc atccntggaa 300
gtnacccctt cacacaagag ccttggttagt gaccncccc caaaaaaac cgggnggggtt 360
cgaaaaaaa aaa 373

<210> 951
<211> 372
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(372)
<223> n = A,T,C or G

<400> 951
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ttgaagncna ccancatctc ctccaagacc agagccantg aggcccttag gaanctggcc 120
canattgana ccaagatcct gaatcgnaag cagggtgcca tggcttggtc tgatnggan 180
tctgactcca catccatcga gcagagtctt cctaagagga cagggtgcagc ttctgtttct 240
tcccagtagc cacacagaac tttccagaaa caagngaacn aaacatgtgn gtanagagc 300
gatgggcca gtggtaacgg tagcaggttt ctgaagaaga aggagctgcc cactgaagcg 360
aggccccag gg 372

<210> 952
<211> 371
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(371)
<223> n = A,T,C or G

<400> 952
aagggttga actgtggcct gacnacagcc gncctntgac cangnnnnna nccccggga 60
gcngcttggt caaacttgca tgtcaacagg gcagcctgct acttcaccat ggtgcgtcca 120
ccatcctcca acccctacc ctagccgggc cccgcccccc agccttgccc tacacgccct 180
tagcctaggg cccgcccccc agcagtgccc tacacgccc tagcctaggg cccgccccctc 240
acctcttctc agttctctcc tattttaaaa gacagtgtct cattatgtag ctccgggcta 300
gcctggaatt ttcagtgtat tagaccagga attttgtgta tacaactcan aggggaacac 360
acacttgccct t 371

<210> 953
<211> 370
<212> DNA
<213> Mus musculus

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<400> 953
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gcacctgaat gaagggcctg aaaacagggg aacctactga gaaacgggtg cttgggtgga      120
gctccataga aaacacaaga aaagtgaag tatccatgaa gcatgaaaga aaatggagcc      180
tcaatgactg cctgaaagat tggttcatca agtggacatg gatcctgggc cttgtaataa      240
tgatgatacc aatgatgaag acagttcaga atccctatca gccagctaag ttgacctgga      300
gcgttgcttc tatgctcact ggagatcaaa tacactcagc tccctgagac accatcctta      360
aaaaaaaaa                                     370

<210> 954
<211> 368
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

<400> 954
gactgaggtg ctgataatct cttgtgcga gcnaaccggg agcgaacagc ccattttaccg      60
attgctaacg aatacgactt cgcattttcc agacaaaagg gcgttaaaag agatccgatg      120
caaatttatt cttccctggg aaaggagtgt tctcccgaat tccattttat ggagtatacc      180
ttaaagttaa aggcagcaag ttcatttttt agtcaaaagc actaggtgcc ttactagctg      240
tgtgactgct acatctgggt gcagaacact tgcattgcaag gagccagaaa acttagaaaa      300
caattgtaac cgatctcagt gcgtgttttg cagaaacctt caagcaggaa tttccaccaa      360
aaaaaaaaa                                     368

<210> 955
<211> 366
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(366)
<223> n = A,T,C or G

<400> 955
caccatgagc tggaaacctg tggcaggaca tcccaaactc aaactgcatt actgagagca      60
acaccatnct caccttttagg tggcagctcc ttctcccact cacatcatcc tacaganaag      120
gtggagaagg tggagagcga tgacacggac tgaggaagga ttggaattga tgcaagctcc      180
aggctttgct ccattttctg aagatttaca catagatacc tctcaatggg cagtagtctt      240
aaatatagct aattttcttaa ctaatnaant gattctggag ttttcttatn ctttaaagtgc      300
tgcatagtag actatcactt gtaattactc ttgattcctt ttgaatttgn actgtcaaat      360
acaggt                                           366

<210> 956
<211> 366
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(366)
<223> n = A,T,C or G

<400> 956
cgagccctgg gctggaancc ctaccggctc cntgntggga aaatagacgg cccggcctga      60
cgcatntctg cggtagccgg agancgggga cnncgcngg ncnggcngcc ntgccccogn      120
ncgcenctgc accnctacgc ctggttccgc tctctgggtc aggnncngttt tttaagtcag      180
gtgtgggggt acacaccttt ggtcctagca cnttgggggt tcagaggcag acgaatctct      240
gagttcaagg acagcttggt ctacaaagcc agtccagggc agccaggggt ggttatatgg      300

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<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(361)

<223> n = A,T,C or G

<400> 960

atgaactggg	gtgaancnga	tcccgtggga	cctatacctg	ttcntcngga	ccgcgtgtgg	60
agcccnncnc	ctaccccgct	gtgccanggg	atgncctngc	gacnnncnnn	ccccctggct	120
nntgtggctn	ntatggtncc	cnntnntcnt	gggtanggca	ncgtgtcccc	tnccnccccg	180
ccctgtgggt	ccgaagcagt	accccntcca	atanntctgt	acctggcgcg	gggtggtgcg	240
cctcccaaag	ancctgagcc	cgtgggtcac	tatgatatct	gaggaggctt	gatgggcttt	300
gtgcctcgt	tcctagaggc	ttaaccataa	taaaatccct	aataaagctc	aaaaaaaaaa	360
a						361

<210> 961

<211> 360

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(360)

<223> n = A,T,C or G

<400> 961

gaggatggcc	agaagcgcat	atgggttacga	aggaataaga	tcagcgcagc	tgaagagcag	60
agccaacaca	gggaaggaat	gttctggaga	ctcagacccg	tggctgagtg	atattgagta	120
aaagagaaat	gattttgcgt	gttaaaaaga	acagcaacag	caatgaccaa	ggaacacatc	180
ttattcaatt	tttgttgaaa	ggagatttan	aaatagttaa	tctggctctgg	aatttctcaa	240
cctcttatca	atattgacat	ttggatggga	tagtttgttg	ccattgaggt	aaaagagtaa	300
gctaaataaa	ttctacctgc	ccccatttct	ttcagtacac	ttcacagaaa	aaaggaaaaa	360

<210> 962

<211> 359

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(359)

<223> n = A,T,C or G

<400> 962

tgtatagctt	caactgctnn	tcccggtntg	aggnatgang	ganncacnga	caggatactc	60
cccngntcat	tggngnatct	aaaatctgan	nnnctgtacc	tcttnacngt	gcctgtnanc	120
ntnggccana	aggctganaa	ngaangncat	ggcctgtacg	ncttgggatg	gaaggtccaa	180
acccttttca	nccacntgtc	tgcagtgtcc	ggagntcca	ccccgtgtct	gnttntccg	240
aaccactccg	ggngggtttg	gcaagaatat	cgtctganaa	tactgacctg	gtgtatttgt	300
tctgttataa	ctaaatacct	gagactgaat	aatctataat	aaaaagtaat	ttttcaaag	359

<210> 963

<211> 358

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(358)

<223> n = A,T,C or G

<400> 963

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044

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<220>  
<221> misc_feature  
<222> (1)...(358)  
<223> n = A,T,C or G
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<210> 965
<211> 356
<212> DNA
<213> Mus musculus
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cacttggcat	cacaancatc	agaaactnat	gtncctaagan	tnnntgctcn	ctcttctggg		180
ctcctnang	aactgnatgc	acagtgatgc	acaaacatac	atgcaggaaa	nnatgttaag		240
gctctntnat	acntaaaaaa	gacgaaaaat	aanagganna	ncttgmagg	ntactccent		300
ggnggctctg	gtgggcaccc	agggccgcca	tgctgggggt	ctgggcaagg	agttct		356

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<220>
<221> misc_feature
<222> (1)...(356)
<223> n = A,T,C or G
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$\langle 210 \rangle$	967
$\langle 211 \rangle$	355

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G

<400> 967
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agagctttgc tggctgcgca tctccacaca ggcagaacac ctgcttcac ttcagcactg 180
tgaatagtgc ctggaatata gcaggcgctg gagagaacgg gttggggccaa attggaggaa 240
attgttaaaa ctaccggngn gncnccggg nnnnccggtt ggggtgcggn atttttggcc 300
cttgtaacc ttcaccagg nccccctt taaaaaaaa atgccccca ggaaa 355

<210> 968
<211> 353
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G

<400> 968
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cttctagctt gnggagaact gcgatgtgaa agagtcttgc ctttgaacag nctcagctag 120
cnctagggcn ggccccactt tctttttggg tatacatctt agggactatg tcagaacttc 180
gttntagcca gcttattgca gtctttttaa aaattgctgt ttagctggct atagtnggga 240
catgcctat aatcccagcn gnccagggaag ttggggcagg aaagactnta tgcangttca 300
aggaccagcn tggccttatc tnaaaacaac cnantcctgc tgtgcttgac tta 353

<210> 969
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 969
gccattaga gggcgggngg agganaatat tccggaagct caacctgatg acctgaaaaa 60
gcatggttga agctgactaa caaagtcaga actctcagga agatgcagtt tgcgtgagga 120
cagctataga agaacataga aatccacatg cttggaatct gagttctgta aaccccctgt 180
actggctggt tttgtgtgtc aacctgacac aagctggagt tatcaccgag aaaggagcct 240
cccttgagga aatgcctcat aagatntggc tgtaaggcat tttcccaatt agtgatcaag 300
gggggaaggg cccttgggg anggtgccat ccctgggctg gtagtcctgg gt 352

<210> 970
<211> 351
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(351)
<223> n = A,T,C or G

<400> 970

cagggtccac	tatgtcgccc	agggtgccat	cagngacagc	tgggactgca	ggcncanagt	60
acctggacca	gnagagntnn	ntattnttga	tggaagtaga	ttatgggtct	caaagtgtct	120
cacatcnana	anntgagtca	cctntantnt	acagggntaa	cantaaantg	agtgatgata	180
agngcttctg	aaattgttnt	acttngctg	nananatggc	tgagagggtta	agaacacntg	240
actacttttc	cagagggttct	tgagttcaaa	tcccagnaac	catatggagg	ctcacaacca	300
tctgtnatga	gatctgatgc	cctcttctg	tgtgcctgaa	gacagccaca	g	351

<210> 971
 <211> 351
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(351)
 <223> n = A,T,C or G

<400> 971						
gactgagatg	atgctcatga	tgcagcagga	accngctnng	anggagatag	agcacttctt	60
ngaggactca	tctgnncaag	ctcngtcag	acaagcgct	ggtggaggag	aaagtgagcc	120
angctgaagg	aggaggtgcg	gctgcaagta	cgaaaagcct	gcaccagcct	gctggatgaa	180
gacttgccggc	agacagtgga	ggtcctggac	aaggcgcaag	ccaagttctt	gcagcgagaa	240
cgcgggcgca	ggcgcgtgca	cccttgggga	gccgcagca	gggaggccaa	gaagctgcct	300
gggcctccct	gcaacgggtct	cntttnacaa	gacaagagga	cggtcggcct	t	351

<210> 972
 <211> 351
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(351)
 <223> n = A,T,C or G

<400> 972						
gacctctgct	gaccttgtgg	agccntctnt	ntcaatttct	tanggcacga	ccgctgctta	60
cntgacgcct	gnttgatgtt	tgccantaag	gctggactgc	ctnctattga	ctcatgttaa	120
ttagnnnnng	actggngctga	tgatattcta	acaacagaga	tatgccaatn	tccnnaaaga	180
actactctct	aaacangtcc	acagccctca	tttntacta	acctttttat	ccccctact	240
tgtgatagga	cggactanaa	ggatgatgaa	ncattcaaga	atacaaagct	angnttngna	300
aaatntaagc	ctatagaaca	aggatatgag	tatctgatta	ctctgtagta	c	351

<210> 973
 <211> 350
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

<400> 973						
aaggattaaa	catggnagcc	ggncgccgctt	ccttctgaat	tcacagnccg	atggcttacc	60
tgancaggna	gttgcaanac	antcanacca	nnncctgata	tnnggnntgc	cngcgacccc	120
ntnaaatnan	ngcnattntt	aaaccctgta	cactnacana	naggacaaaa	tgnttttaac	180
tcannagact	cttntgcaaa	agtgacttgt	gggctggaga	gatggctcag	catgccccaac	240
tctcgatgag	tagctcacag	ccatcactga	ctctagtccct	agagaaccta	gtgccccctt	300
gtctgctctc	canaggcatt	gcacagatgt	gatatacaga	cacacatgca		350

<210> 974
 <211> 350

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

<400> 974
gaagagaagg gtctgaacaa agctcttaac aacgtctgcc tnttgaacac agcagactgn 60
tggatcttta nacannaagn tcacnntttg actgtgatnc ctgtctcgac atgtcngnga 120
ccctgtgcca agcagggacc aagagtgtta cacaggatgt gtaacacaca ccncacaccc 180
tgagagnacg tgnnattatg aatcagattg tggacgnaat ggggggaagtc agcgaagaca 240
attcgagaca ttgtntcgan annntatngc tagnnggcaa anacagtgan ntgtnnngaaa 300
gccatcaaca tcacaaataa tnaaatagtt gttgttataa ttctcaagcc 350

<210> 975
<211> 349
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G

<400> 975
agggtgcgta tcatagcatn atgatgaccc tntctcnntg gccctgaagg tnaaggaaac 60
ctgagcacgt gnccatanag atgcnantnn ctcccnagc ncagggtcatg agtggtnnca 120
agagcccaag ggatggntga ctttnatanc antcaattat tgtctcncga ccacatgcca 180
tagcctgctt ttgncatgta ttctgcagag cccaactnac ctttnctnag gcaccntgct 240
cctcatattgc tcttctctag agctctagtg cattntctna tcctaagcaa agggcctggg 300
ntnccaatag ctatcaactg ctattgcttc aataataaaa ttccctctc 349

<210> 976
<211> 348
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(348)
<223> n = A,T,C or G

<400> 976
gccagcagga aggaaggntc caggctcagcc ngagctnnntn antncatgnc ctgcatggga 60
agtgtgtctt cagccgagag agactcttac catctggcta tggatgagca atgaagagca 120
atgcacatca gcctgtttgc cacatccatg ctccgtctcc aggnaattga cctaactagg 180
gcagcaaagg aatgaagaaa ggacagacac agaanagcct gagaggggag aagtgtgctc 240
tgtgatggag aagctgcagt accccctgcc tttgacagca gcgtgttgaa catacatagc 300
tgaacagga agcagagtta ttgcatactg ttgaagcaag gaggcagg 348

<210> 977
<211> 346
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(346)
<223> n = A,T,C or G

<400> 977

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(339)
<223> n = A,T,C or G

<400> 981
tgctggtaca cgcatgtggc ncaaactagc accggcaagt gtatgtagga ctcccgnnttt 60
ccttagncga ttactgncaa tgccattga cttccatgna tgtaccgga ggatntnttg 120
gccgcagatt ggctgcaggt tggagcttgt cgattccggt ggctgtaatt agnatntggg 180
tagcacttcc tcccacaata nntaaacaat gtancaggna acacaaanca agctgnctna 240
gactgnacaa agttgangca gactgnggac agannaggtg tnggggtacn ttgnaggtgn 300
nctaccttgt aaggaatcag aacatttggg aagtgggtgg 339

<210> 982
<211> 338
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 982
ttccagctcg gtaccggggg atcgaagttc ctantgcaa gaggcatttc caggcccagg 60
gtgggacccc gcntacctgc tccttctgcc tgaccagcat cctcaggtgt gcatccattn 120
tctccaggtg ggtggggcag ctgggcgggt ctgaagacag attgcacact gtcctgnnga 180
gnggngggcca gcacnaatnc ttcattgatt ctggaggctt anctcaaate aagantgttn 240
aatattattg gctggagaga tgcctcaccg gttangaaca ctnactccag agnntctgag 300
ttcaattccc ancagttaca ngggggctta caaccatc 338

<210> 983
<211> 337
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 983
cgccaagatt ctgaacatnc ttgctctgnt catctacctc atctttctac atcatagctt 60
atcngtttat acagctttta cttactaagg ntaccctaaag ataattagaa cccactaagg 120
tacggtacta actagttagg gtangctaata tantaattta nctaaaactt agtaccgaa 180
tttaagatct ttnaggancc tattaannaa cttaaagggg gggancttca ttgcccttgg 240
ccaaaggnan tgggnctact aaantgnttc catgncctg gcctnnggga annaaagcct 300
tccatggngc tttgnccctt aaaagttgcc cctttta 337

<210> 984
<211> 337
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 984

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

<400> 988
cgtgagccgc cacctgcagc cccacagta tgtggcccgg gaaccccctg aaggcacccc 60
atctgatgtg gacatggacg ggtcctcagg cacctactgg ccagtgaact cagaccaggc 120
tgtgcctgag ctggacctgg gctggcccct cacatttggc ttccaaggca cagaggtcac 180
cacactggta cagccgccgc cacctgacag cccagcatc aaagatgaag ctccggaggat 240
gatccgctct gccagcagg tgcattctca cgggcttgaa ngatggtgaa aggcagccca 300
agcccggtt ttgaagcatg aataggaggg tgg 333

<210> 989
<211> 333
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

<400> 989
gtgtcccga ctctggagt cttcatgaga tcatgactcc cctcnecca cnggtgtgcg 60
gatgtacctn cntactccct cataaccng ggacggtgga ggcaggtggc tctgggtttg 120
aggacaacct ggttacctn ctgngcgcca cagtgaaganc ttgctcaan taancacgag 180
gncancaagc angacnngta tcccattann ganggtatga ngagccaccn tnnngttgnt 240
ggaaatagaa cgtcaccgac tcatacaaaa accaccactn nattttatcc acnngancca 300
tcctccagc cccatcaata aactttccat act 333

<210> 990
<211> 333
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

<400> 990
agactgaggt ccccccgtgtg gaacgctcct cccatccatc cctcctttat tttgatgtnt 60
attaaatgaa cgtattcacc ttacnnnccn gngnganann cgatgaagan canancncnc 120
tgccacgagg cccancccag gggttntccg acggagagga ctngancgag gccgtatcat 180
gctctgngga ccgcttcagc gataccagga taaatacnag ctgagaaagg ctccgangct 240
gagcactagc tcctgccggg ctgggagaga gatcctggtt ttgatactag anagcatagg 300
aaaattgata ntcaggccta gcaaaaaaaaa gaa 333

<210> 991
<211> 333
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

<400> 991

tcccgtctgct	gcaccacntg	cntgctctgn	tggctntggc	ggcaggcngc	ntgtngtgca	60
ccattggaac	tactanacan	ctgnntncag	tgaacagtcn	tgcnctgct	agnctcctt	120
gaaccttgaa	caagtgtctt	tgcatgacga	gccacctctn	cagcctcaac	ntgtgtactt	180
ttaattattc	ttanngtatt	agatgagtca	ctgaatctag	gtaatgaaat	aattcattca	240
aaatctaaaa	ntaaactgtt	tacttttaat	tatgcttaan	gtatnanatg	agtcactgaa	300
tctaggnaat	ganatanttc	attcaaatct	gca			333

<210> 992
 <211> 332
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(332)
 <223> n = A,T,C or G

<400> 992						
gactgaggat	tagaatggcg	atgcgtgggc	tgggtgagatg	gctnancggc	taagagtgcc	60
ggctgctctt	ccataggnc	tgagttcana	tcctagcaac	cacatgggtg	ctcacaacca	120
tccgtaacga	aatctgatgc	gcctcttctg	gagtgctcntg	aagacagctt	acatgttggtg	180
cttacatata	ataaatatna	naatnntant	ggccatccag	tacgcgagggc	atgaanggtc	240
ncactctttt	naanganagg	antgacgcag	acgagagtga	gcggaggtgt	ttaatagaat	300
gcgaggtcan	nctctggcta	ctccagttag	tt			332

<210> 993
 <211> 332
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(332)
 <223> n = A,T,C or G

<400> 993						
accaactgta	agcagcttgc	anctggggcng	cgctgtgaag	aggagcccat	ttcatcaata	60
aagtgcacna	gtaananggc	accngntgcc	gttanagggtg	gttggtgagct	accatgtggt	120
tgcttgaggat	ttgaactccg	gaccttcgga	agagcanatc	catgcatctt	aactncctga	180
gccatntntc	cagcccatatg	cctttgtntt	tcttatagaa	aaaatcaatg	cgttannnta	240
tagaanaccg	aggattttct	gtatttgcct	accataattc	ttcagccatt	gtaagtatca	300
nantgattgt	atttttggac	agttttgtgt	ta			332

<210> 994
 <211> 331
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 994						
taccagcatg	gctgtgaggg	cngtgatgac	atcctttntt	ggccacgaat	gncagaacgg	60
agcntatggc	aggggtgagc	nnctttaagc	tcttannnac	angatnagcn	accctgttct	120
ganaccaccc	tancngntcc	aaaatnatnn	ccggntgtan	ccaccngtgt	cgcttcagag	180
taaaaaactc	tataacctgcg	gaactgttnc	gtccctcaaa	ttatnanaat	taccatgcnt	240
ggccgngnt	atggctgata	aanttgtctac	tgatctggta	tgtggagagg	ccctggggtc	300
actttcaggc	tngggactgg	agaaaccatg	t			331

<210> 995
 <211> 331

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

<400> 995
accactttc cctgggtgac tgnacttggg acnagnctc tanccatgan nanaaggcag 60
aggnanngtg gncncttntn ccnaggacag ntaannantc tctatcctga gctgccaaagc 120
tacctancac ttggtngnga gggcctgcag gccntgcccc tgcctanctg ngaanaaaag 180
ggaaagagta aagacaattg tccagcacta gcagtctcag gcccgaagc agaggggccc 240
anaggcggtn aagcgactct taccgcgcc ccaccctgct gctgagtctg tctgangttt 300
tggttgnatg aataaacata attcccctct g 331

<210> 996
<211> 330
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(330)
<223> n = A,T,C or G

<400> 996
tcatacctga aatggncgta cactgaacag gganacaaga acaaatttag tgccaacctt 60
anntacaatg gccactgatt ctggggagcc agcctagcac agaagattct gagaagcctg 120
atggagtctc ctttgaaaac agggcctgcc cgggctgttg cccctctgac tgtagaagcg 180
agaataaagg aaaaatacac taccttttct gcttcggggg aaaacatcga aagaaagagg 240
tttttccgaa agagtgttga gatgacagaa gatgacaaag ttgccgaatc ttcccgcaga 300
gatgaaagan aagctgcaac aaatatttca 330

<210> 997
<211> 329
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(329)
<223> n = A,T,C or G

<400> 997
cggtgtccac gtttcggccn ntggaggccc ggcccgtccc gccgagaggc ctggatcagt 60
gatattcgtg ctgtaaccac cccacatgc gggaaccaca tcaaataaag ctgcagcttg 120
atcgctttca actctgaccg ccagncatc cccacagaca atccccctnc ttgtattgga 180
ccttgggctg ggattgatca cnatgaanat ttgaaaagtc cttgtacagt gttgtgttgc 240
tatntctgca ctccaggagg ctgaatctgg aagagtttga gatgcaagcc agcctgagct 300
actcagaccc catctcaaag aaaacaaaa 329

<210> 998
<211> 326
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(326)
<223> n = A,T,C or G

<400> 998

caatgttaaa	ctgaagangt	tactaaaaatg	gccctctana	ntagcccanc	ncttnttatt	60
ttgtttgtnc	tatggattag	cctcttacnn	acttntctgac	ccttaataca	cntgcaannn	120
anacttgngn	tcggtntcat	atntccatnt	ntntcataat	ttttctattt	attcttgnat	180
nacttnaatt	gcccat AAC	actntattca	tgtnCGatat	taatttagaa	caagaatgat	240
tccnttgCct	naggaaactt	tactagtgtg	gaaagnattt	tattgaaagt	ccctgctntc	300
tccgagtntg	aagtcaaaat	attaaa				326

<210> 999
 <211> 325
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(325)
 <223> n = A,T,C or G

<400> 999						
aacgactttc	ctctcttgcc	caaatttgan	cctgctacct	ttaactccaa	gctggnattg	60
gtgtataatg	nggntgataa	tcaatcaaan	gtacttggat	ganggantat	cacctttccn	120
agtagactat	nnaanatgac	anatcnctaa	gcaaggataa	nctggccata	cacctgngag	180
aacctgatcc	ttgngacttg	ccantcaggc	ntanaaaacg	atgaccactt	gnatctgctt	240
taactaacca	tatataagga	cataatatct	ttgnagaatg	at tt t t at c t c	gcanataaac	300
attacttaag	tcccaaaaaa	aaaaa				325

<210> 1000
 <211> 323
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(323)
 <223> n = A,T,C or G

<400> 1000						
actgagtgag	tgcattctgt	ttatcgtctg	tgctgctgct	gctgctgctg	ctgctgctgc	60
tgctgctgct	gctgctgctg	ctgctgctgc	tgctgccgcc	accncatctt	tnctgacat	120
cagannccan	cntgcttggt	catccnatga	ggacctgaan	accagnanct	ctccaggaat	180
cttccangcc	ttcagcacca	nattgnnnct	gctgaggaag	annccantca	catngactaa	240
ggagctattg	gnntcccana	ttctccanag	aggagtaact	atgntngnac	taacctagnt	300
natggcatgt	ttctgcacca	tcc				323